

Figure 1

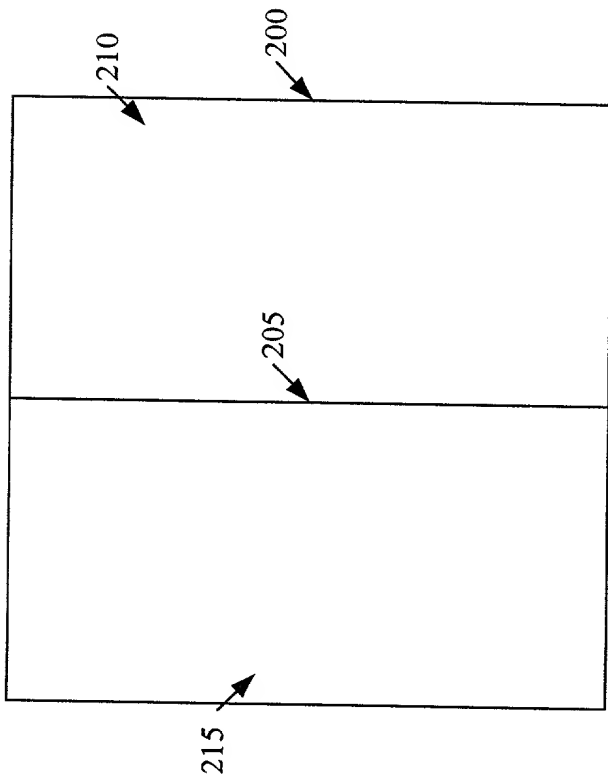


Figure 2

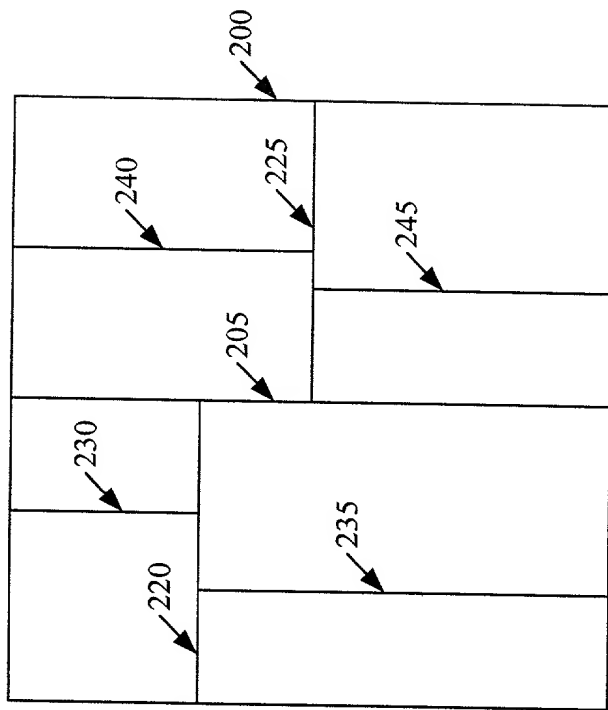


Figure 3

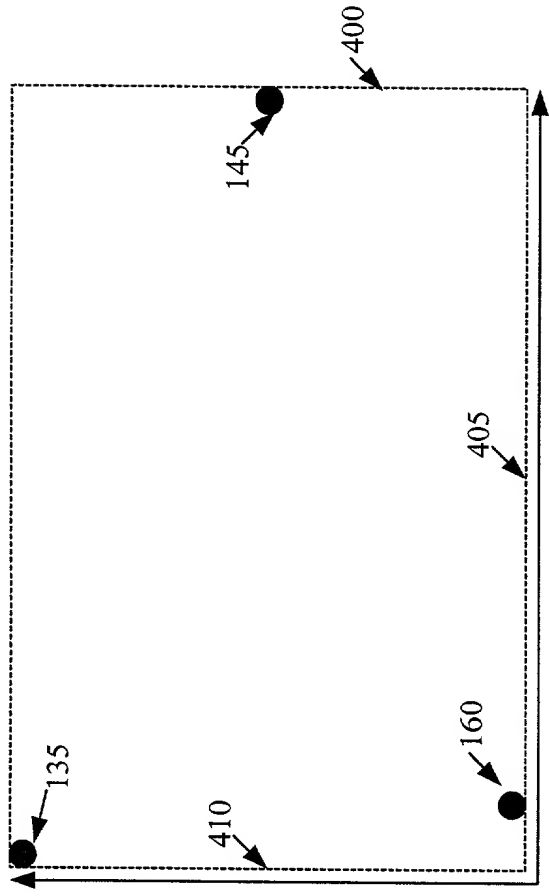


Figure 4

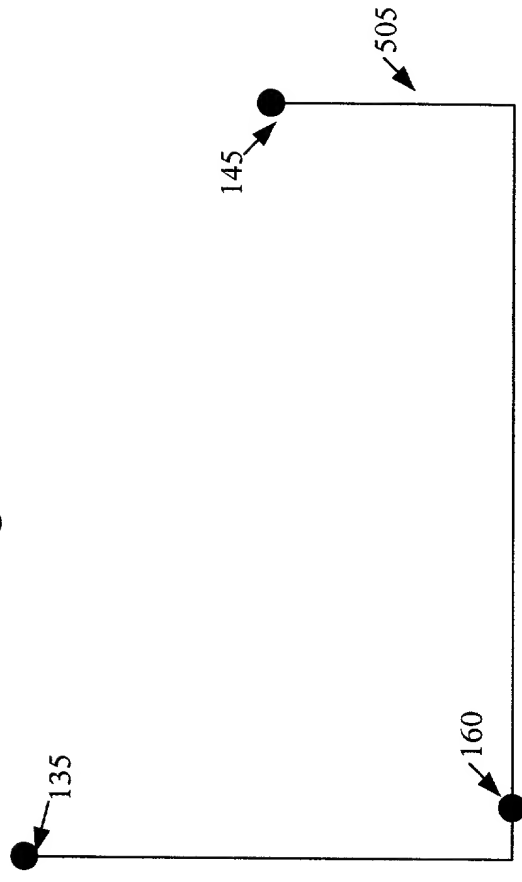


Figure 5

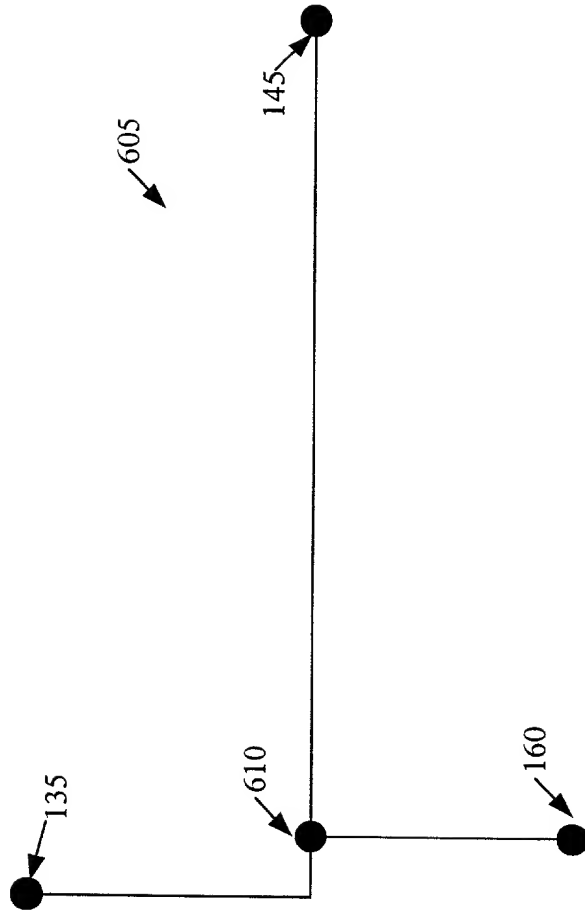


Figure 6

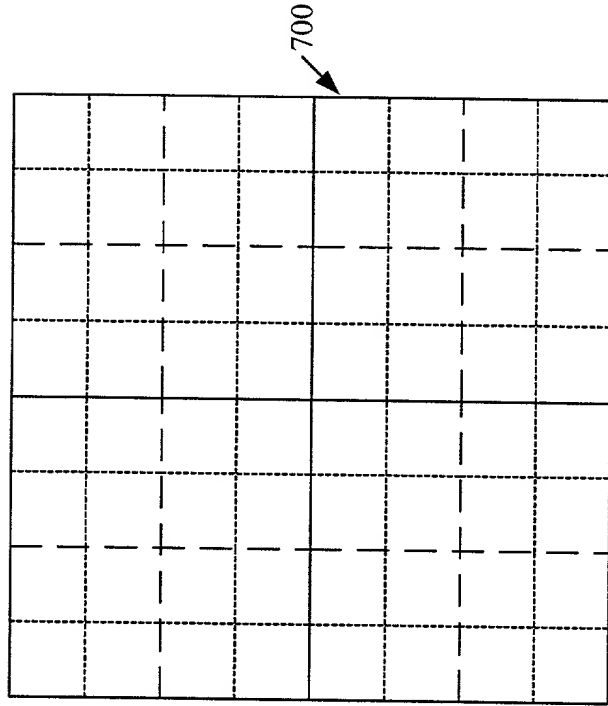


Figure 7

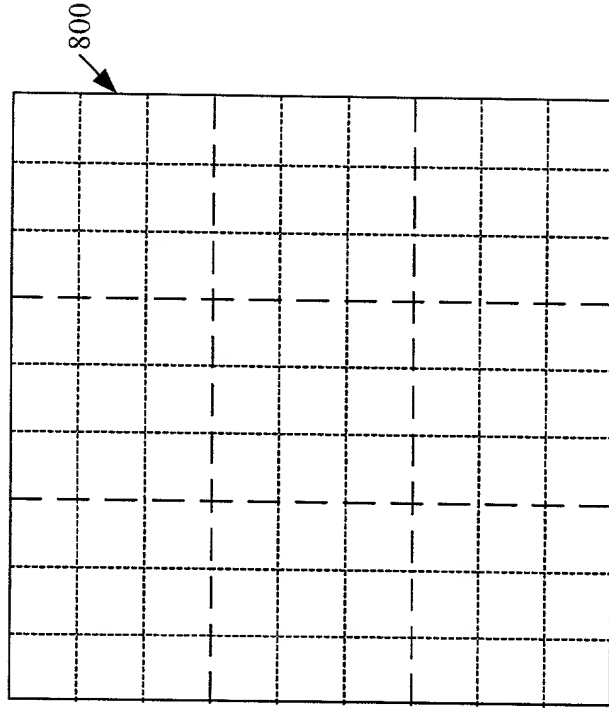


Figure 8

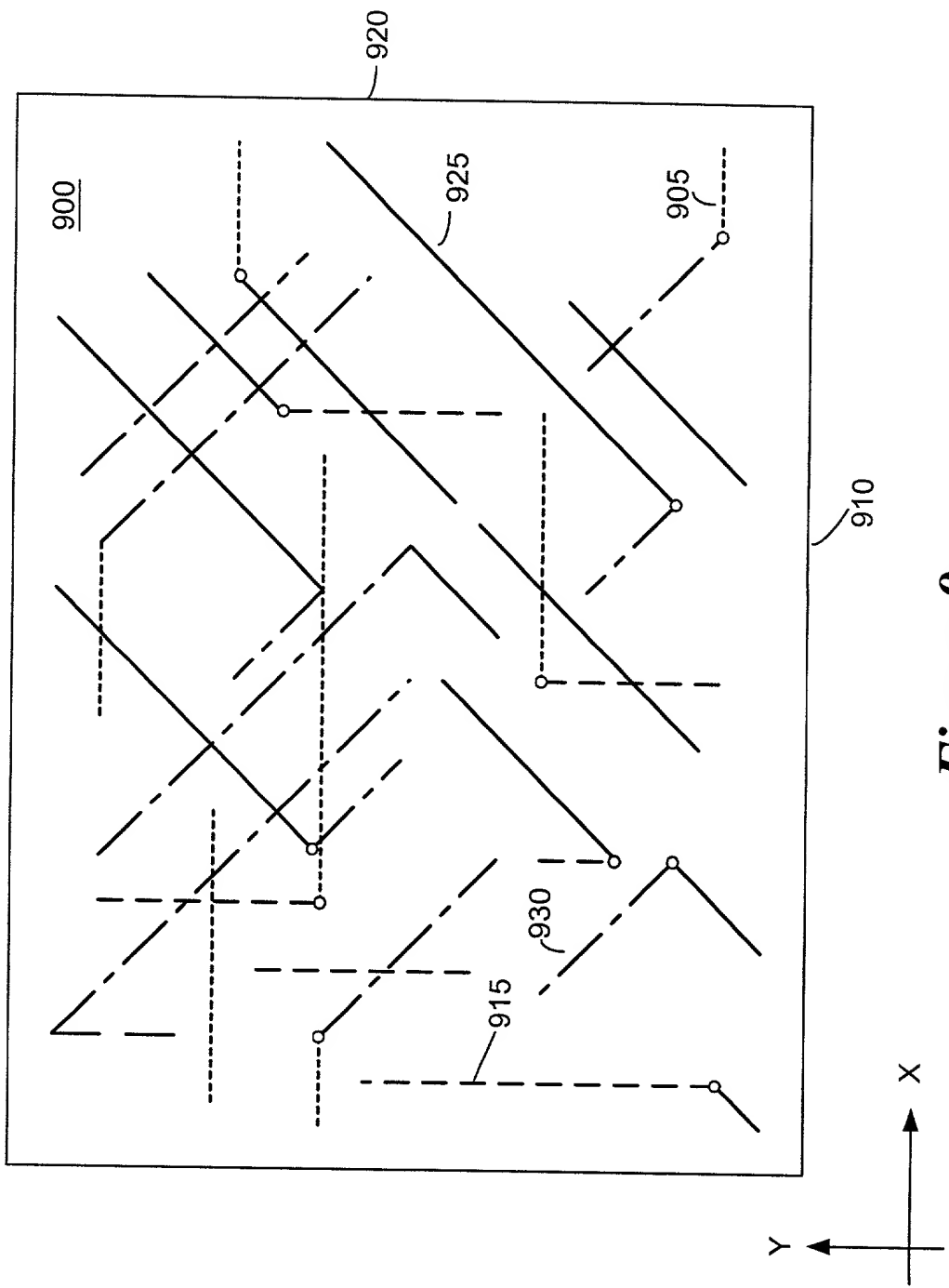


Figure 9

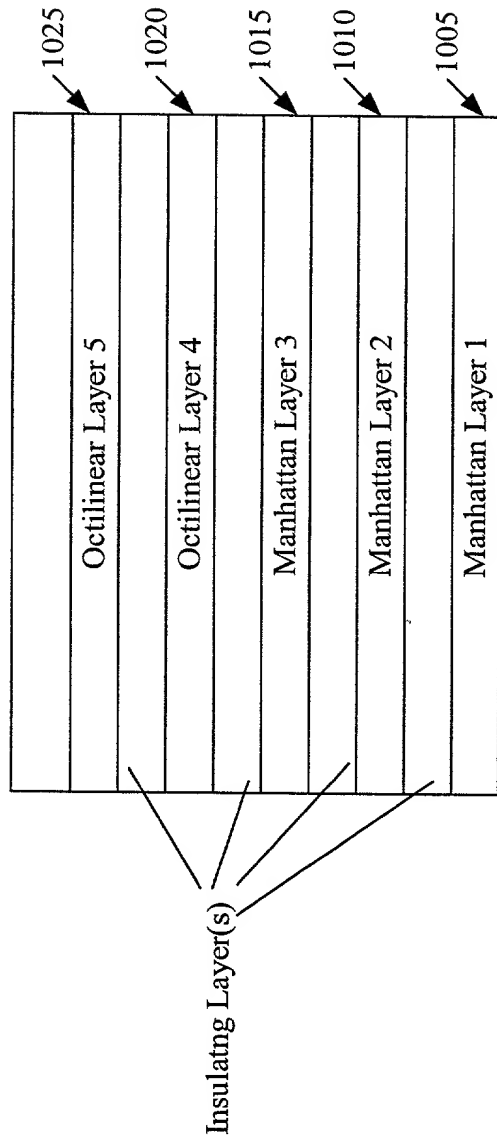


Figure 10

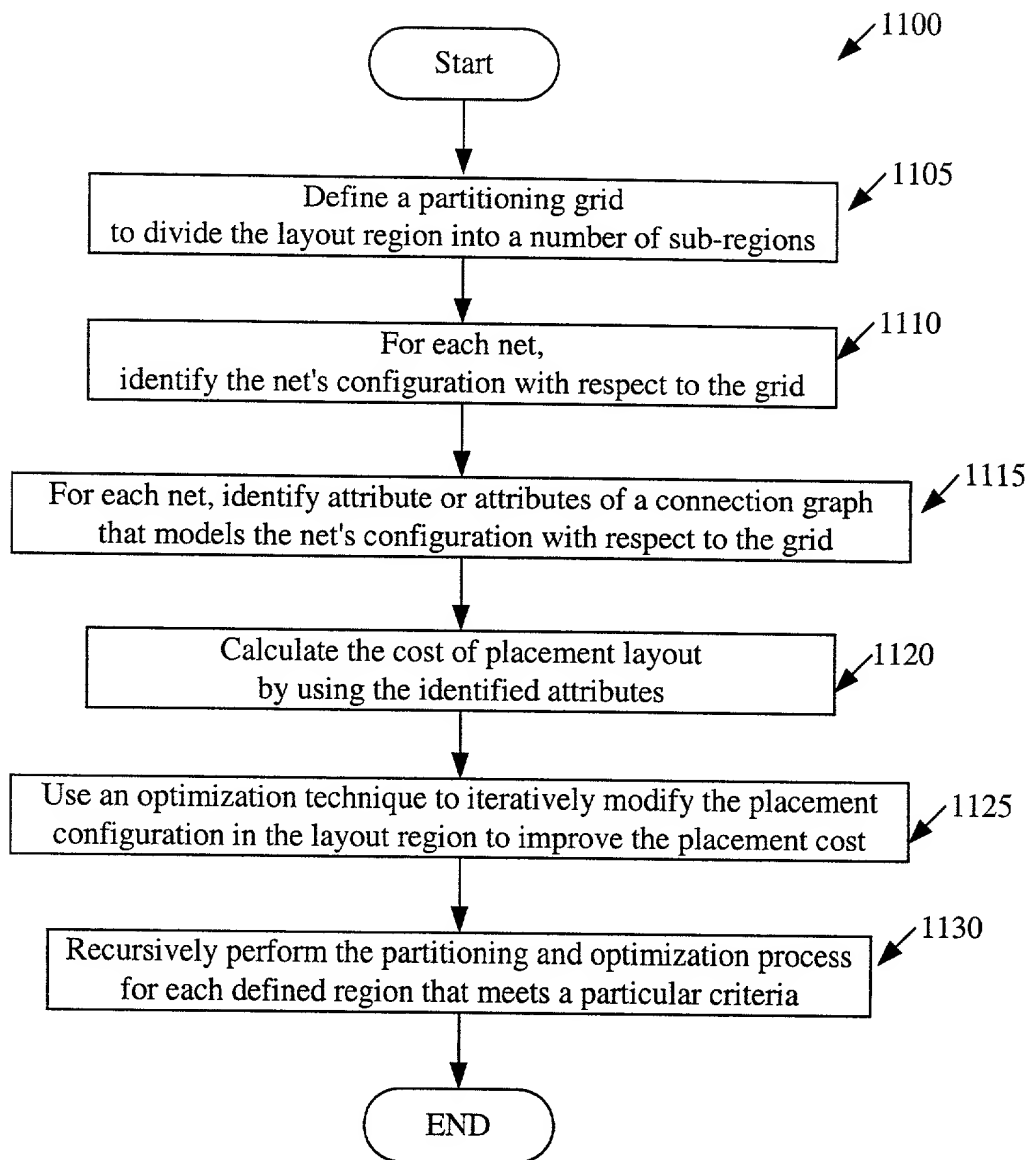


Figure 11

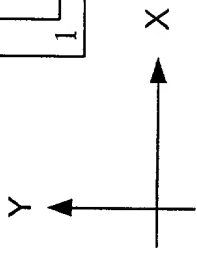
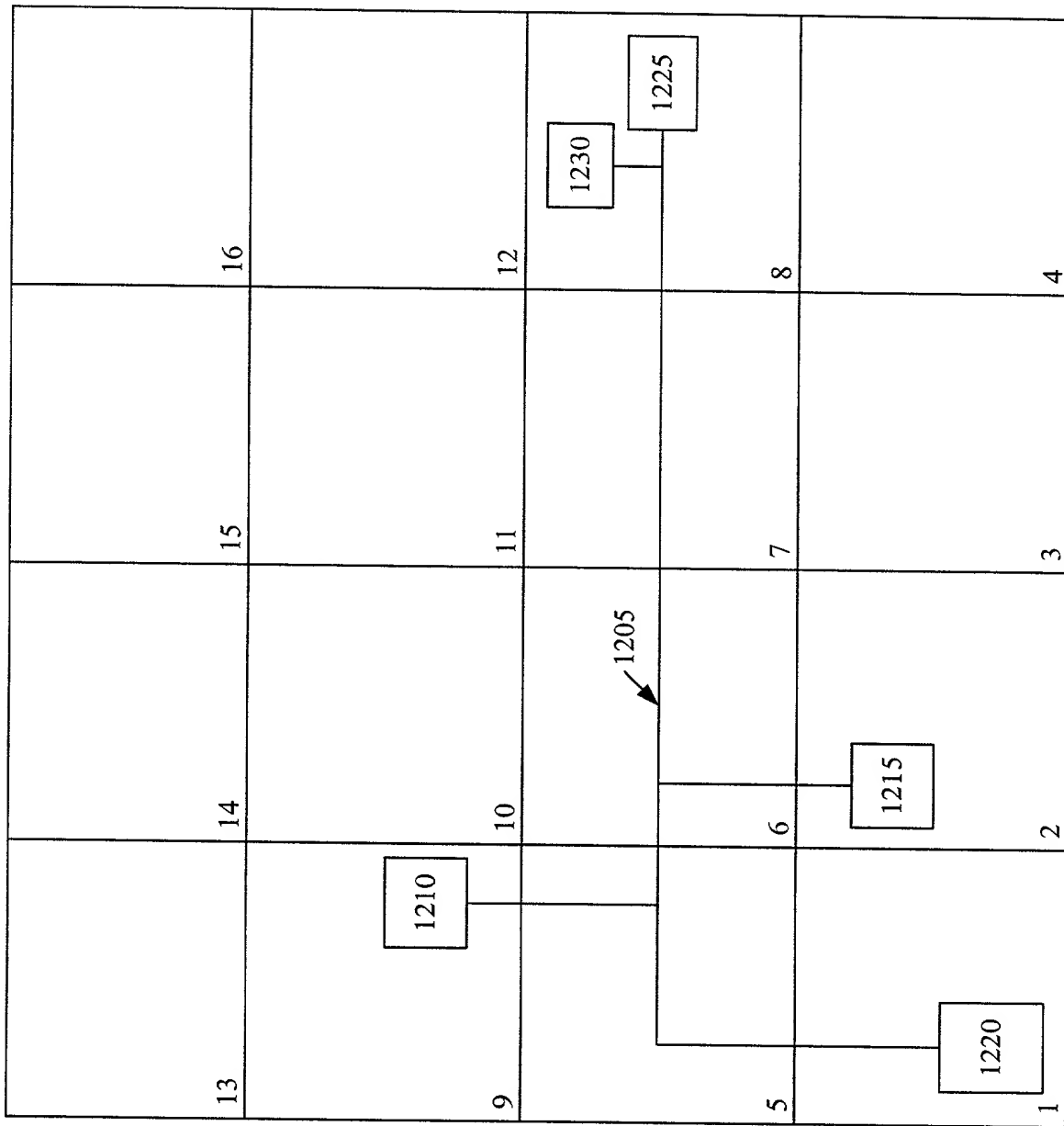


Figure 12

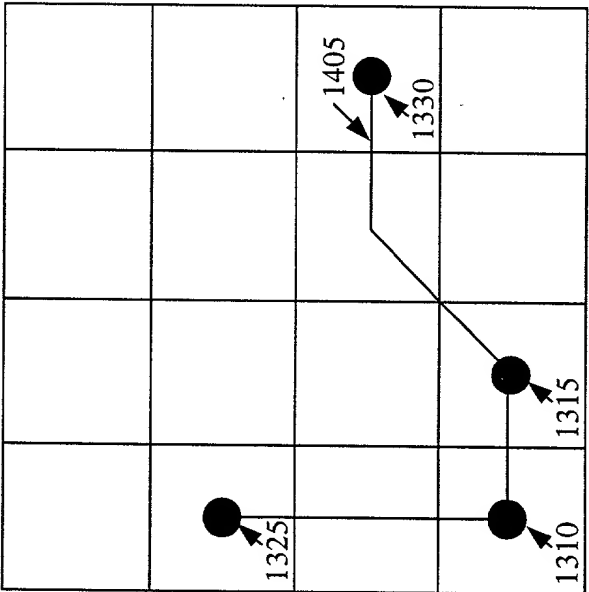


Figure 14

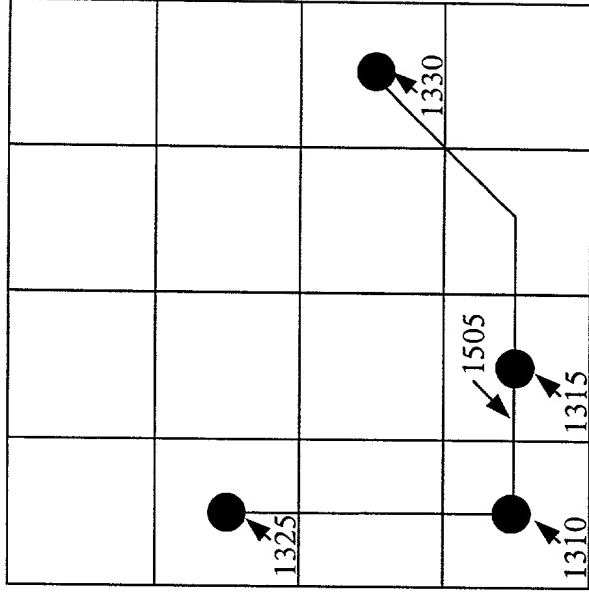


Figure 15

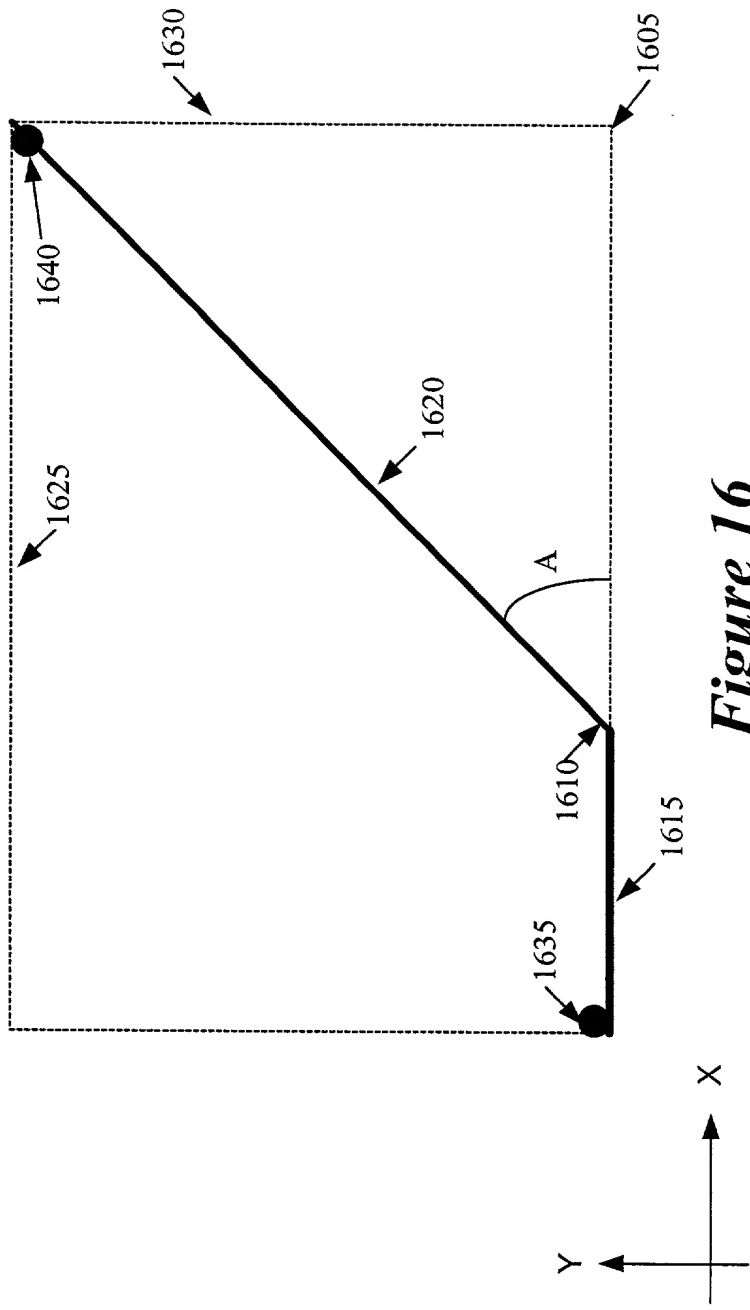


Figure 16

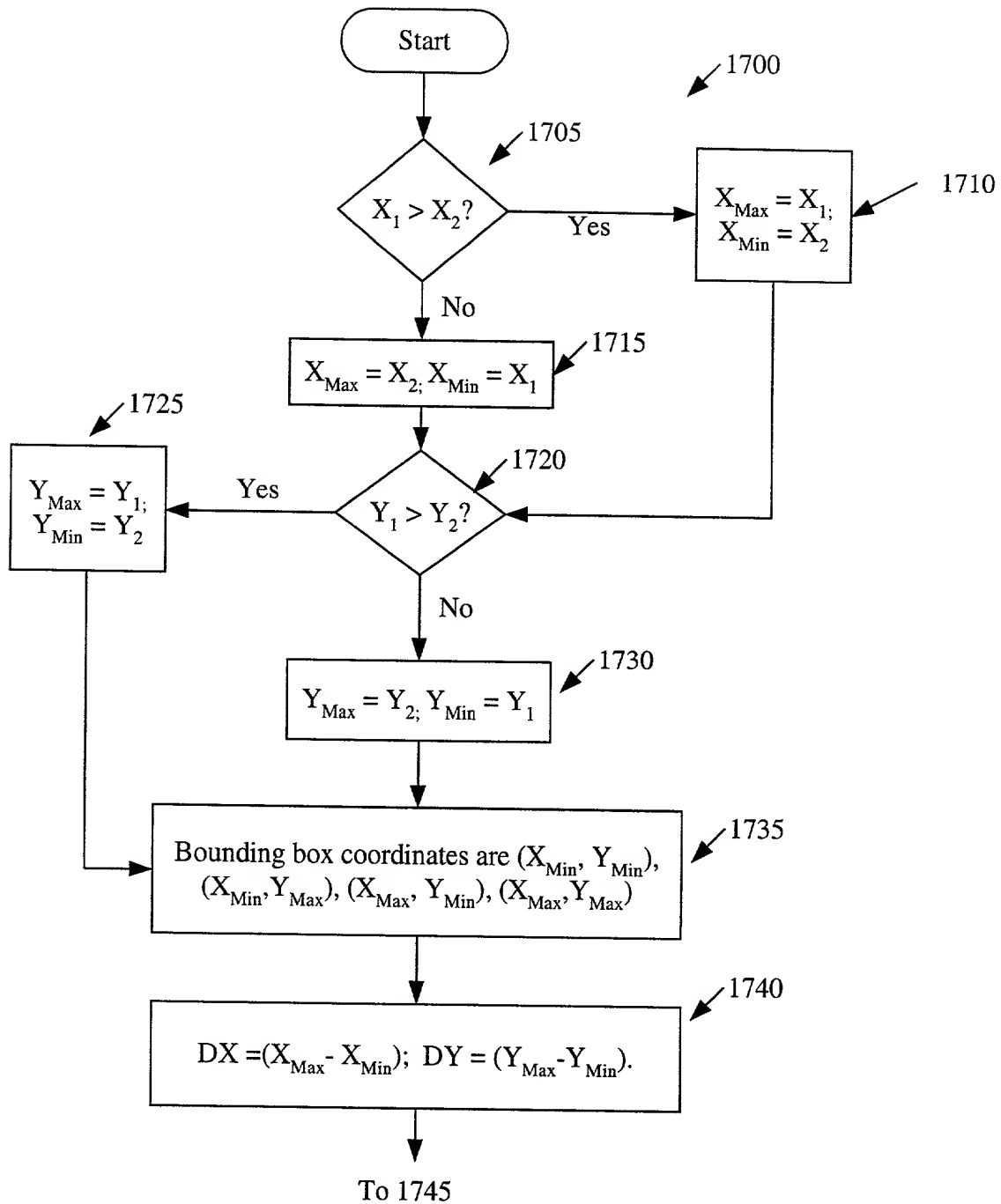


Figure 17A

Figure 17: $\frac{\text{Figure 17A}}{\text{Figure 17B}}$

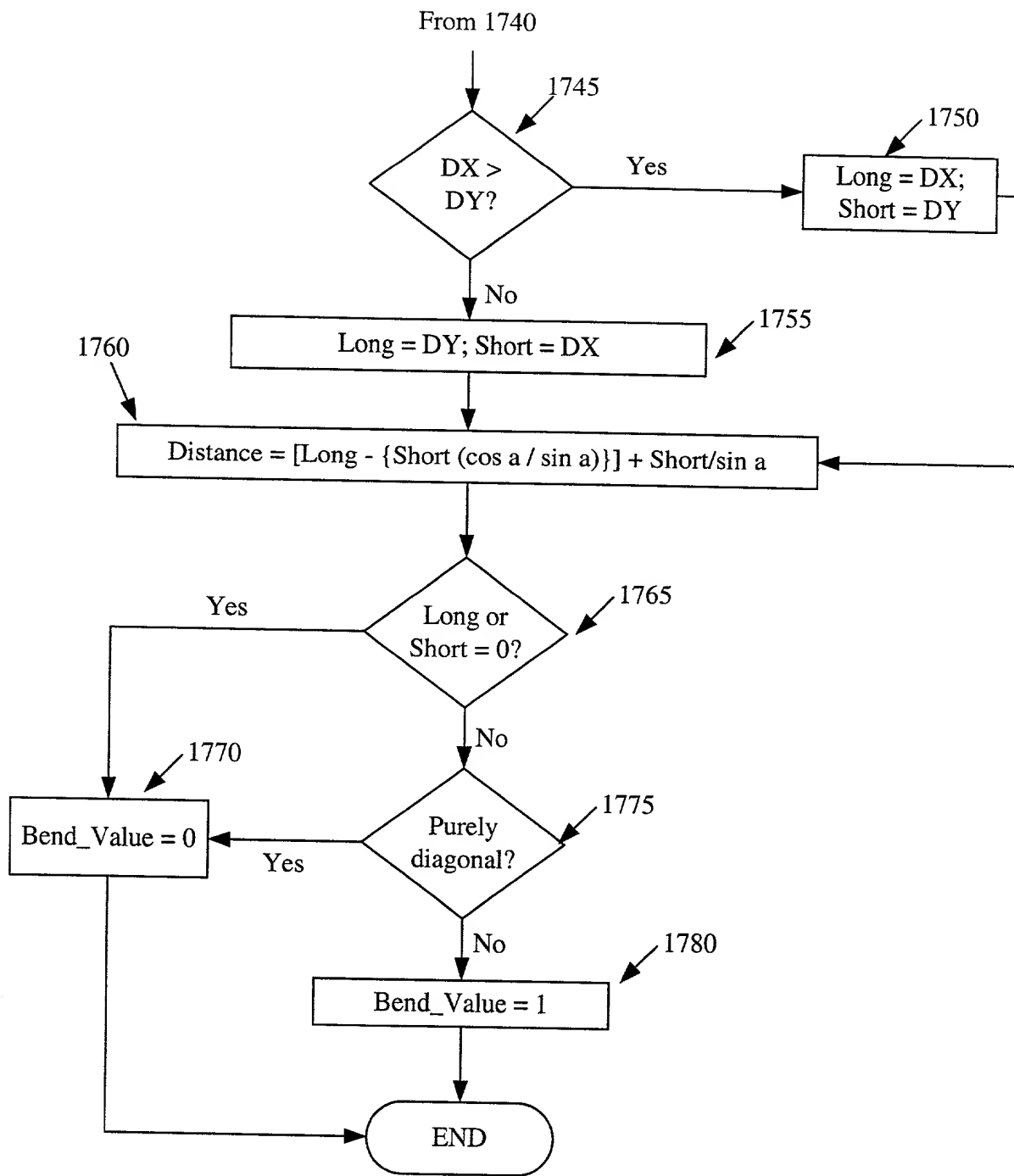


Figure 17B

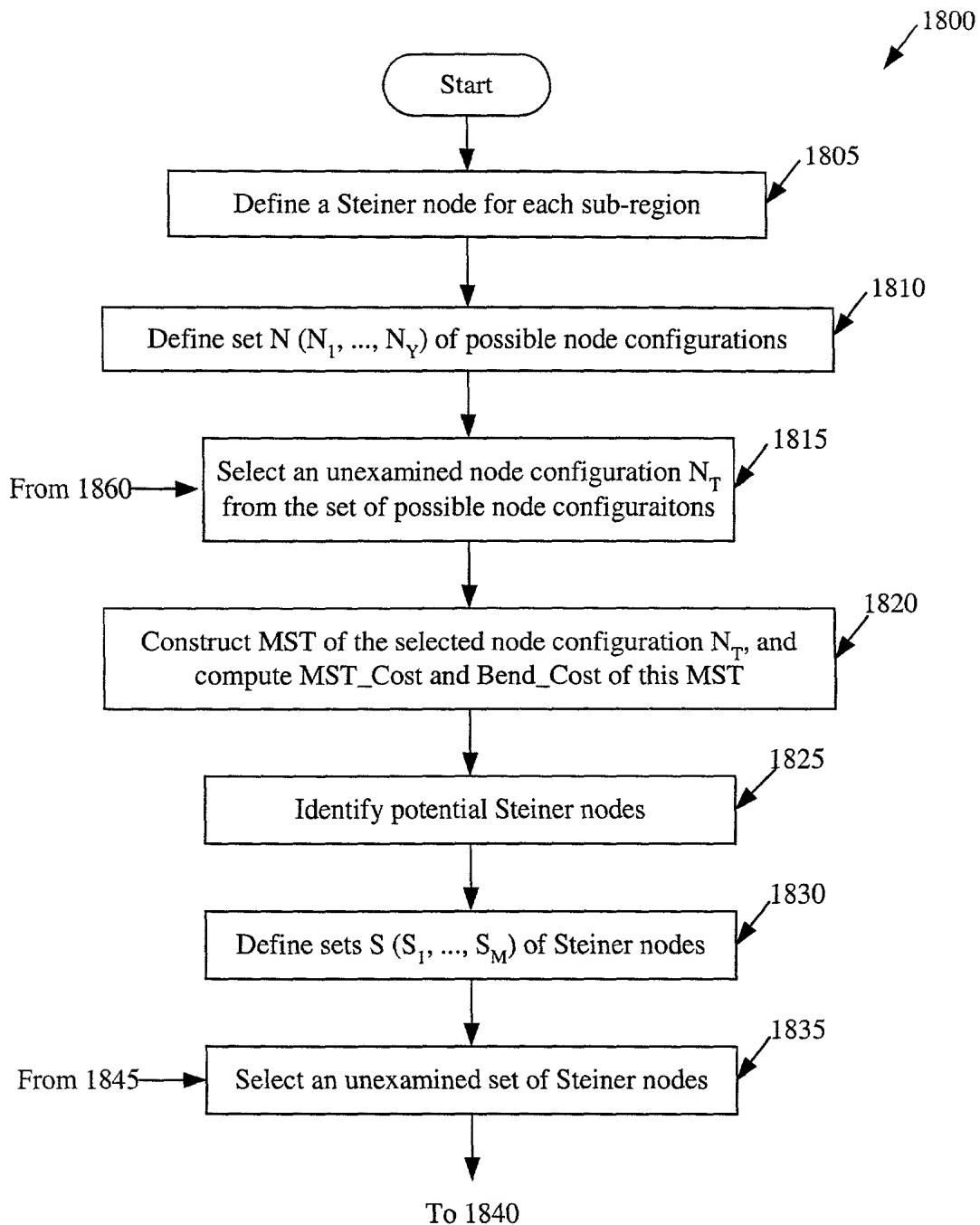


Figure 18A

Figure 18: $\frac{\text{Figure 18A}}{\text{Figure 18B}}$

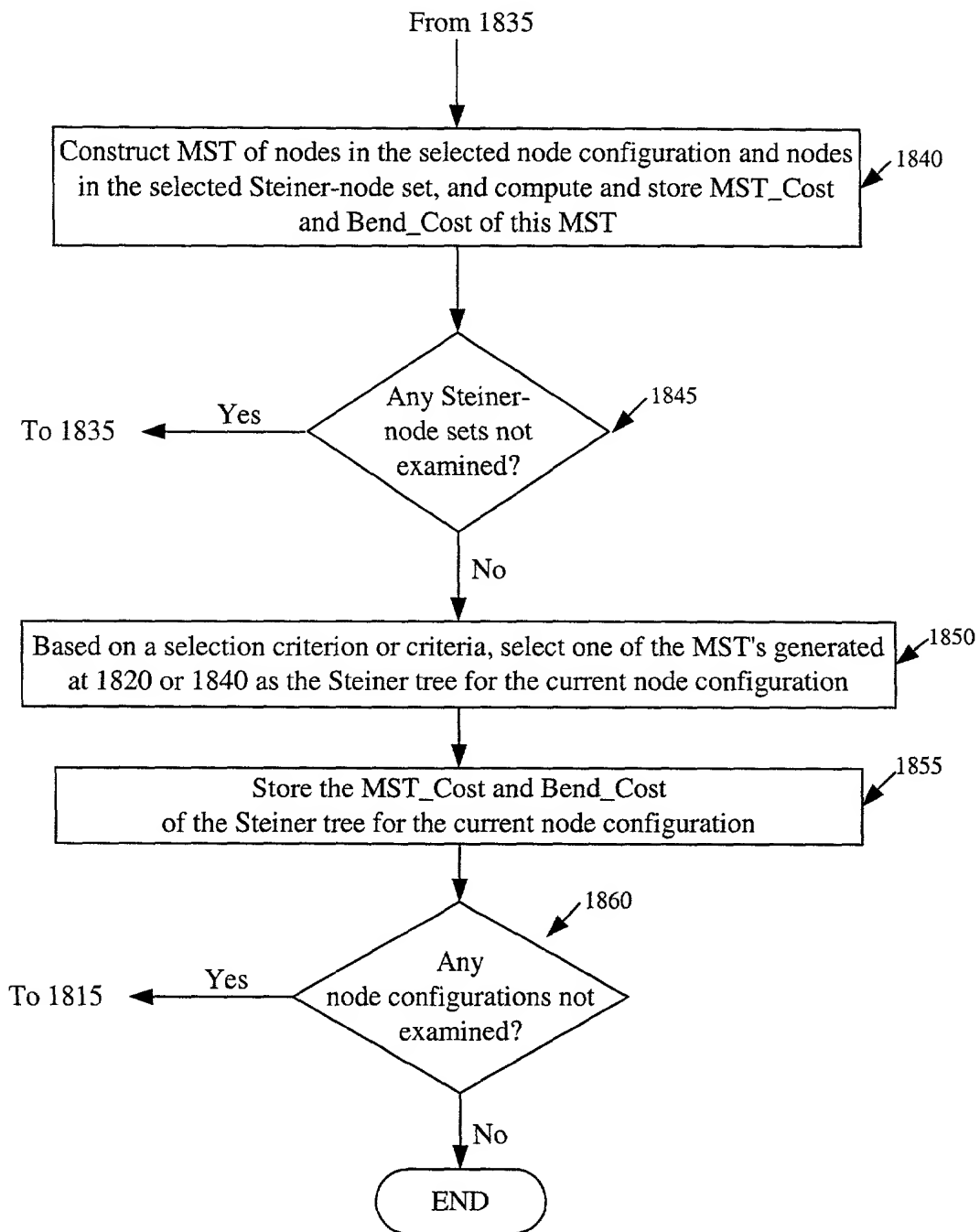


Figure 18B

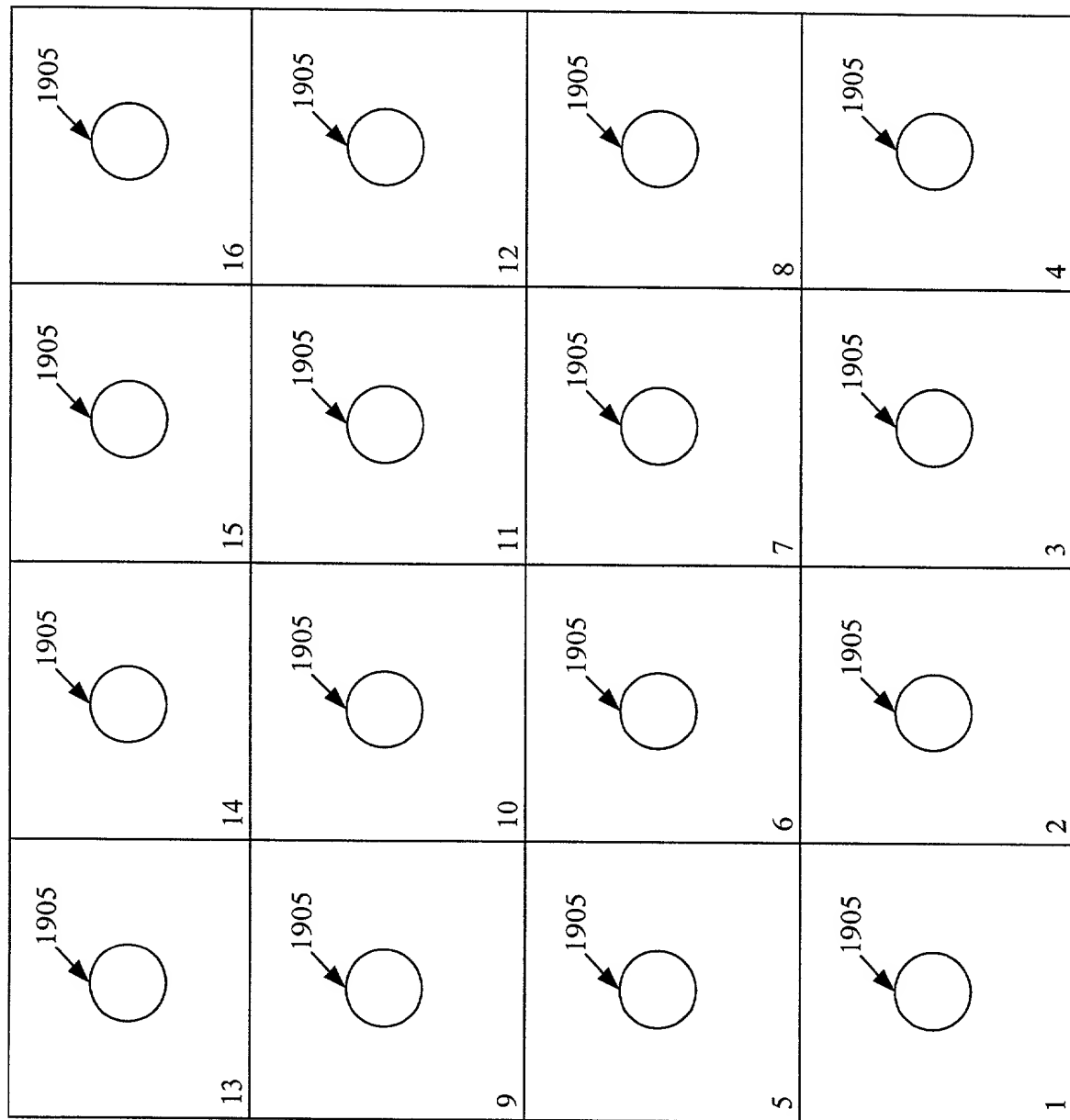


Figure 19

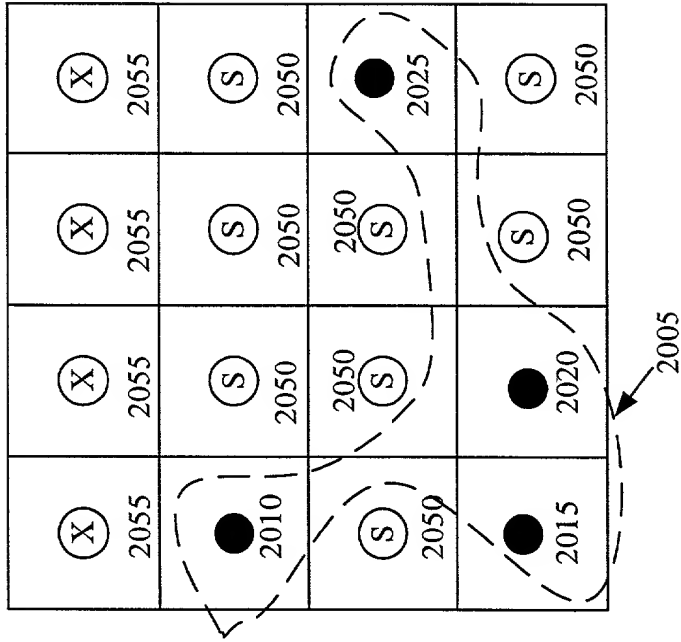


Figure 20

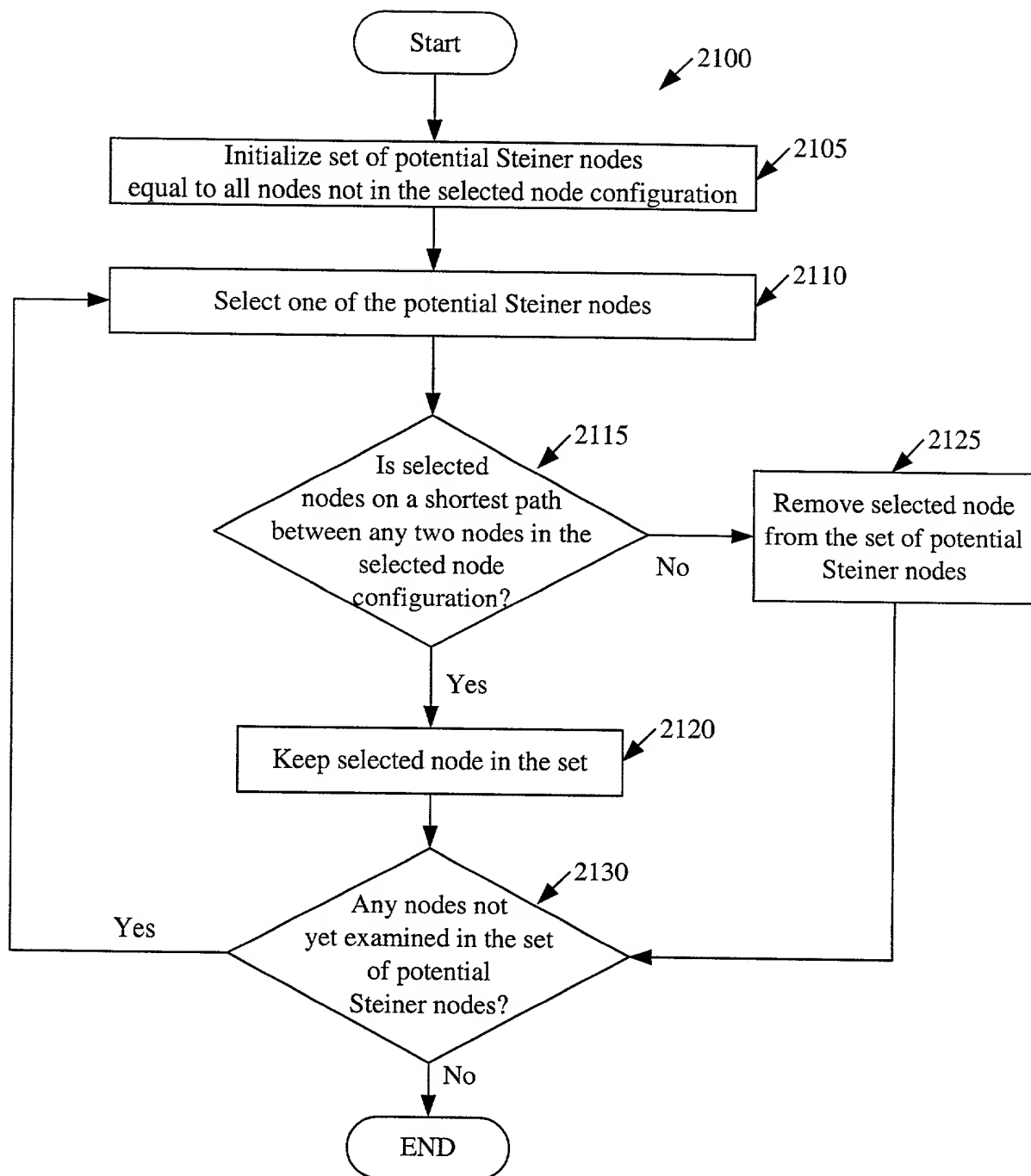


Figure 21

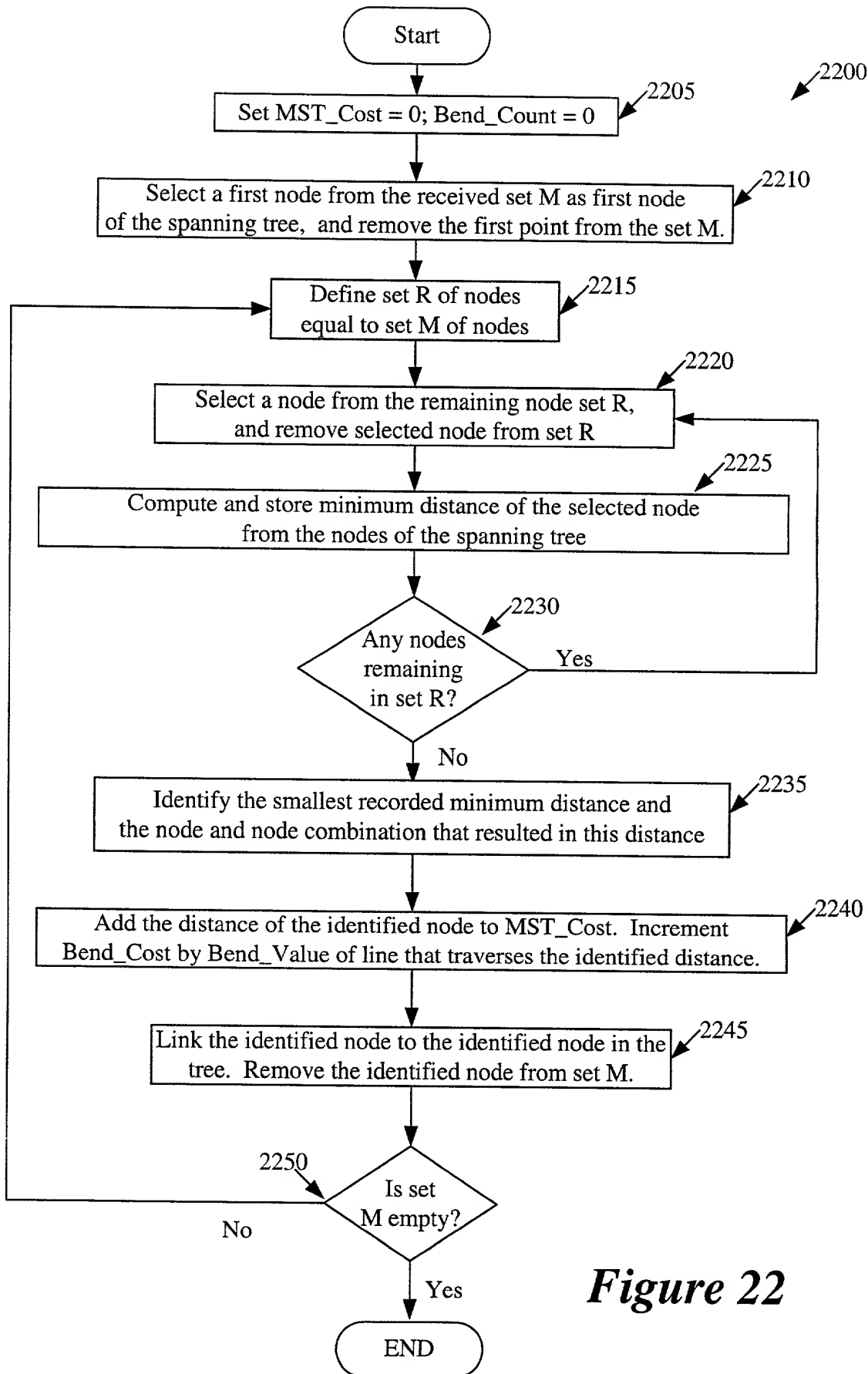


Figure 22

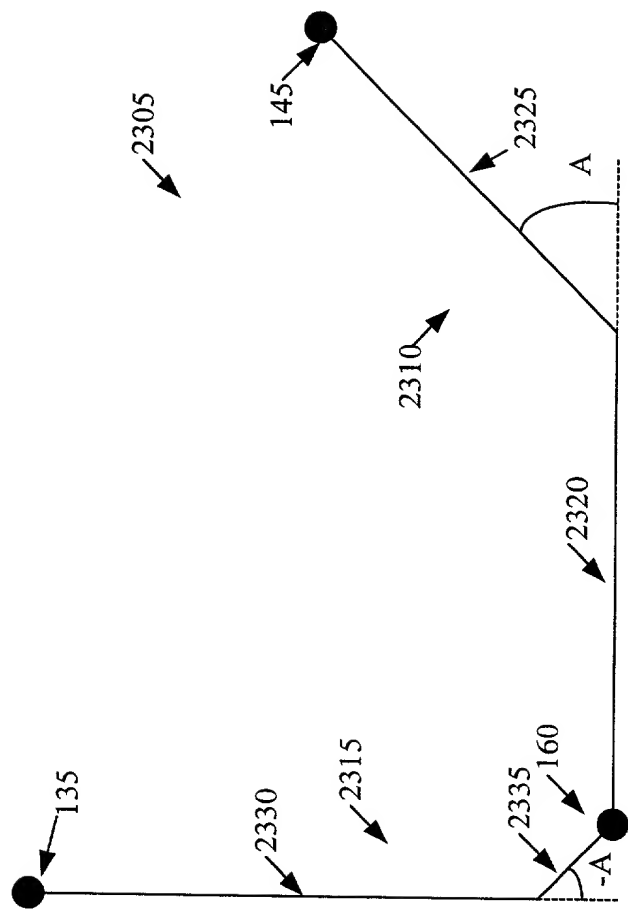


Figure 23

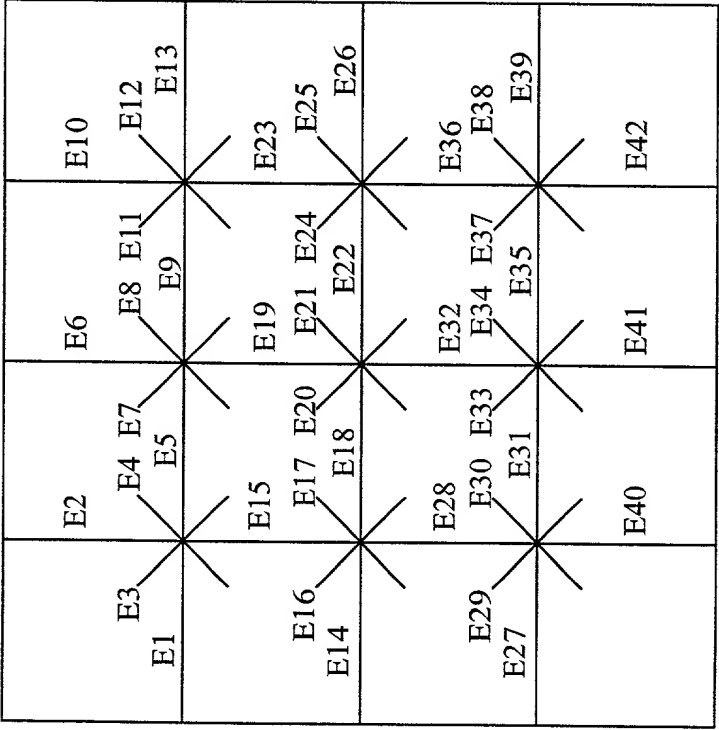


Figure 24

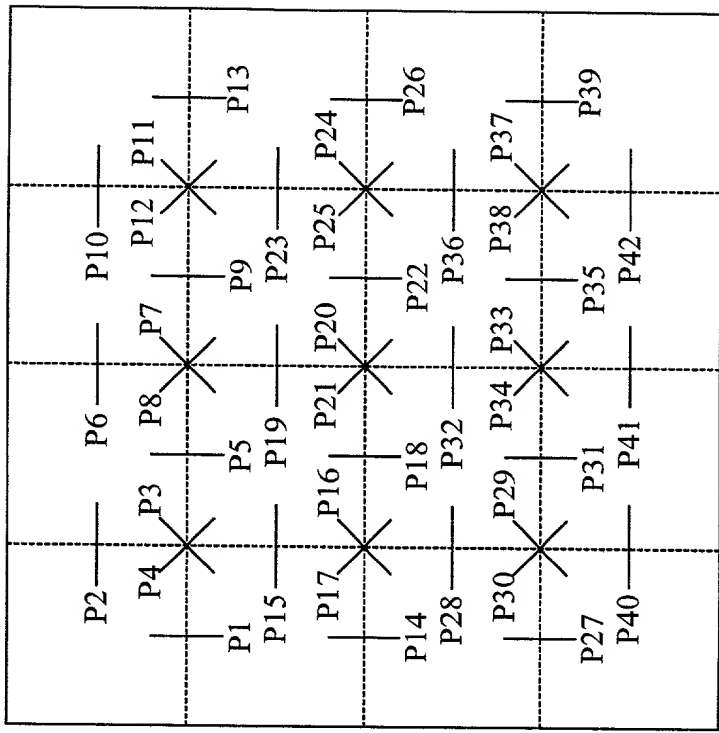


Figure 25

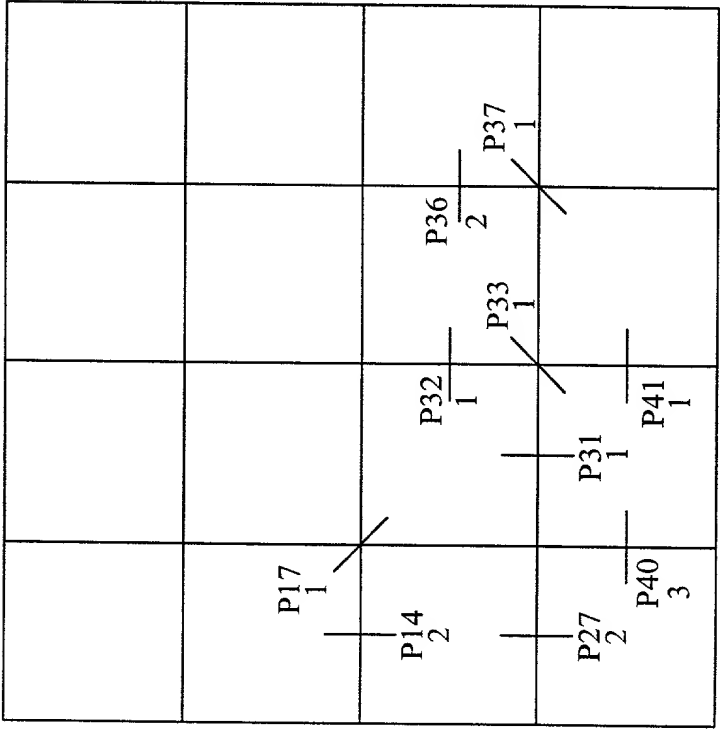


Figure 26

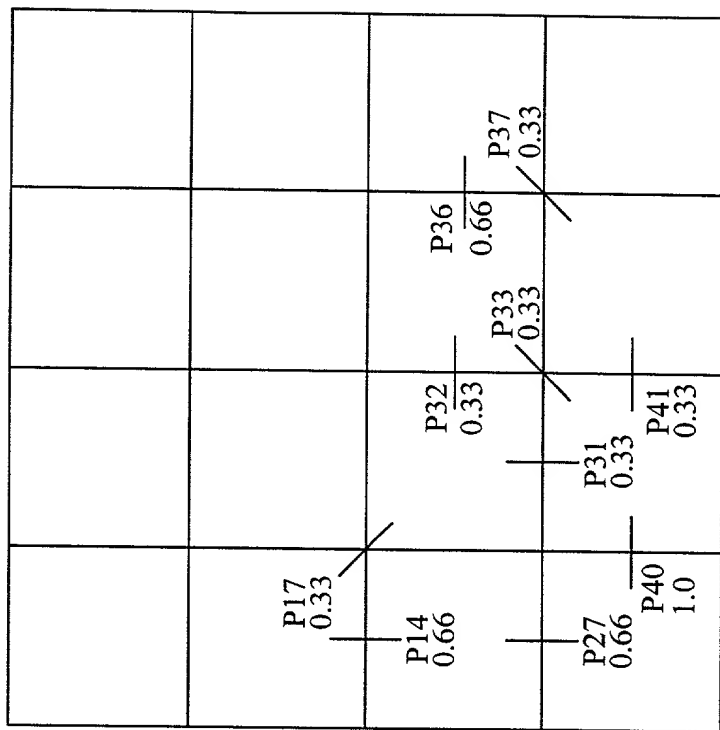


Figure 27

		E17 1			
		E14 2			
			E32 1	E36 2	
			E31 1	E33 1	E37 1
					E40 3
					E41 1
					E27 2

Figure 28

[illegible]

Figure 29

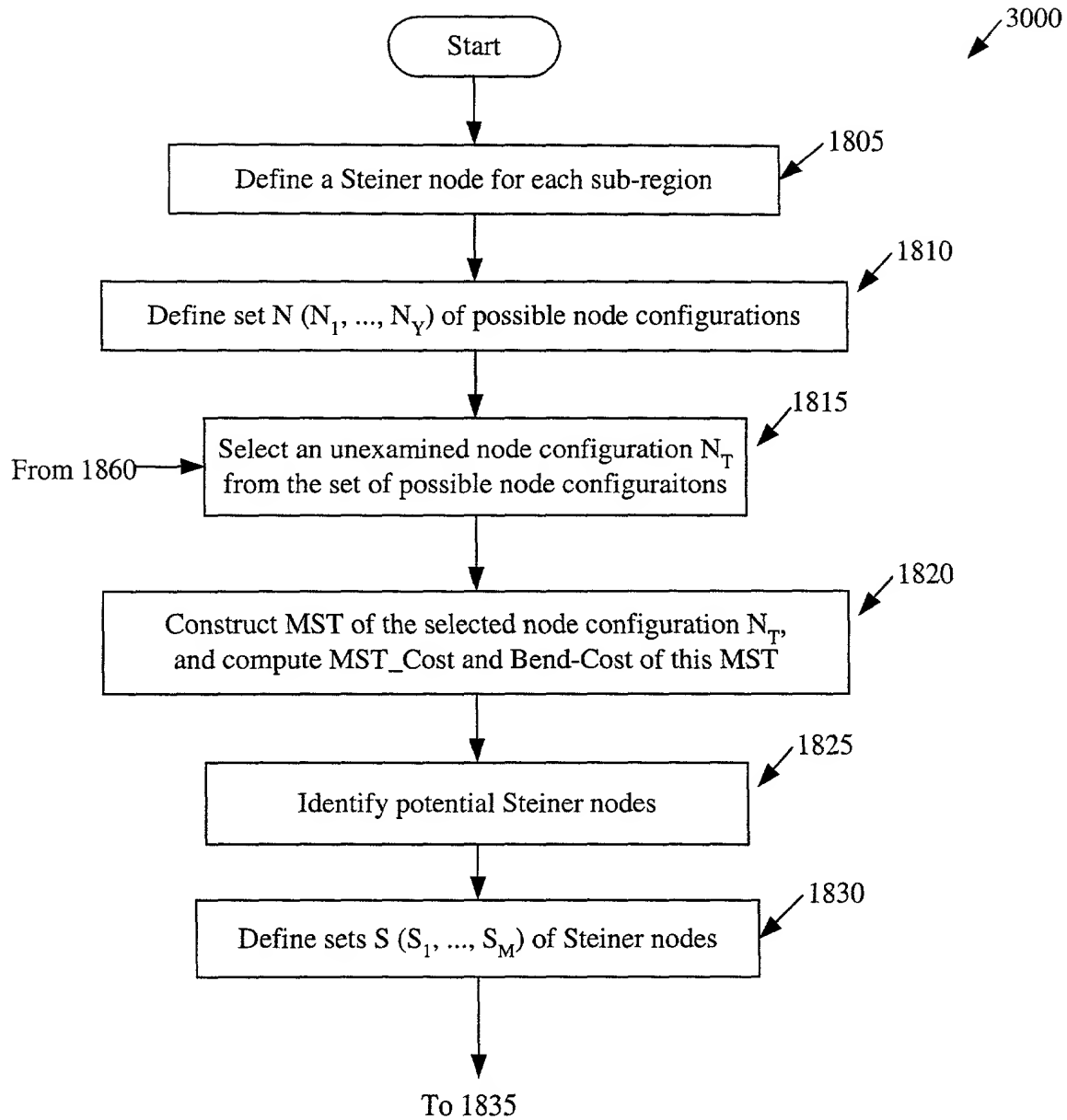


Figure 30A

Figure 30: $\frac{\text{Figure 30A}}{\text{Figure 30B}}$

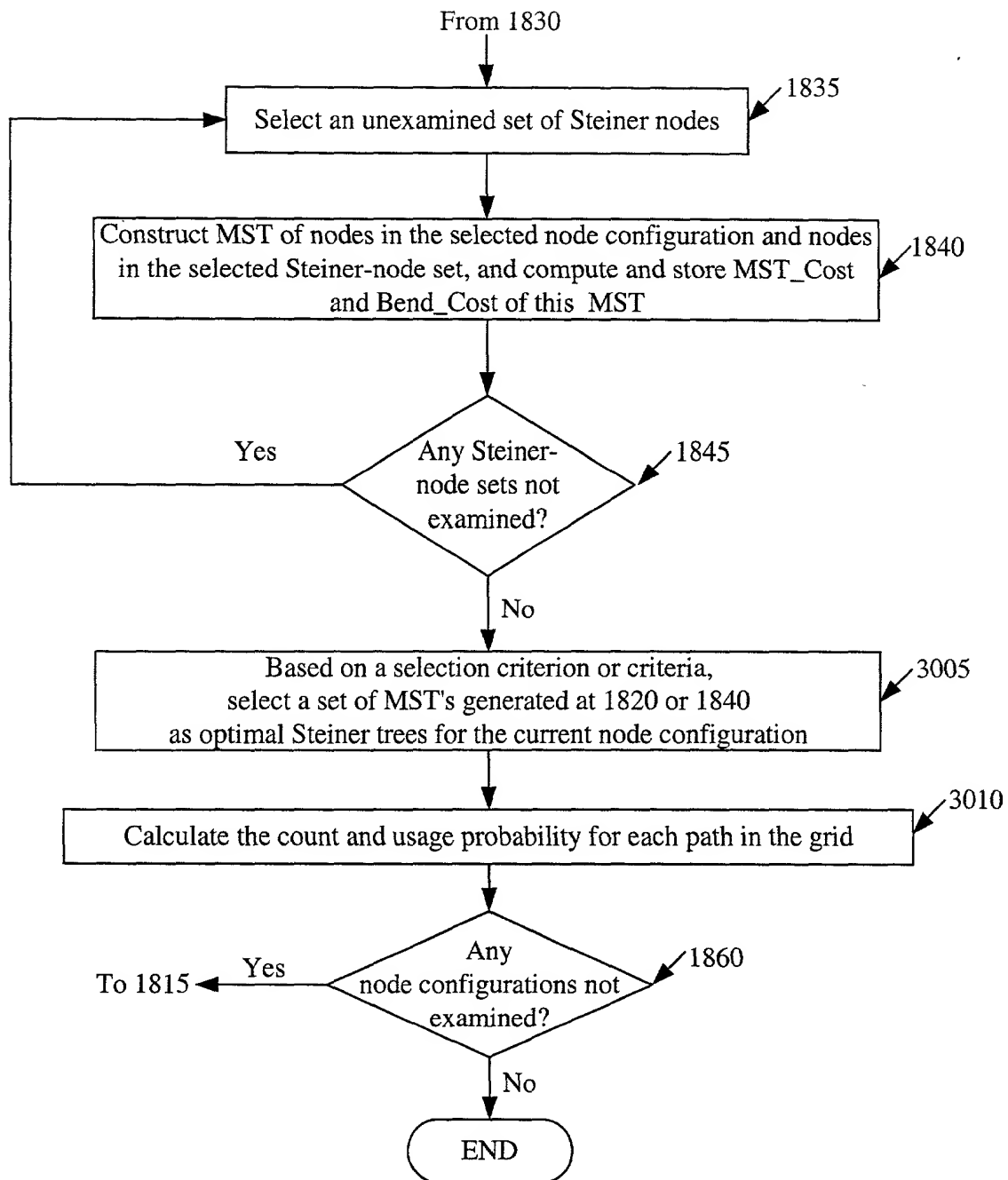


Figure 30B

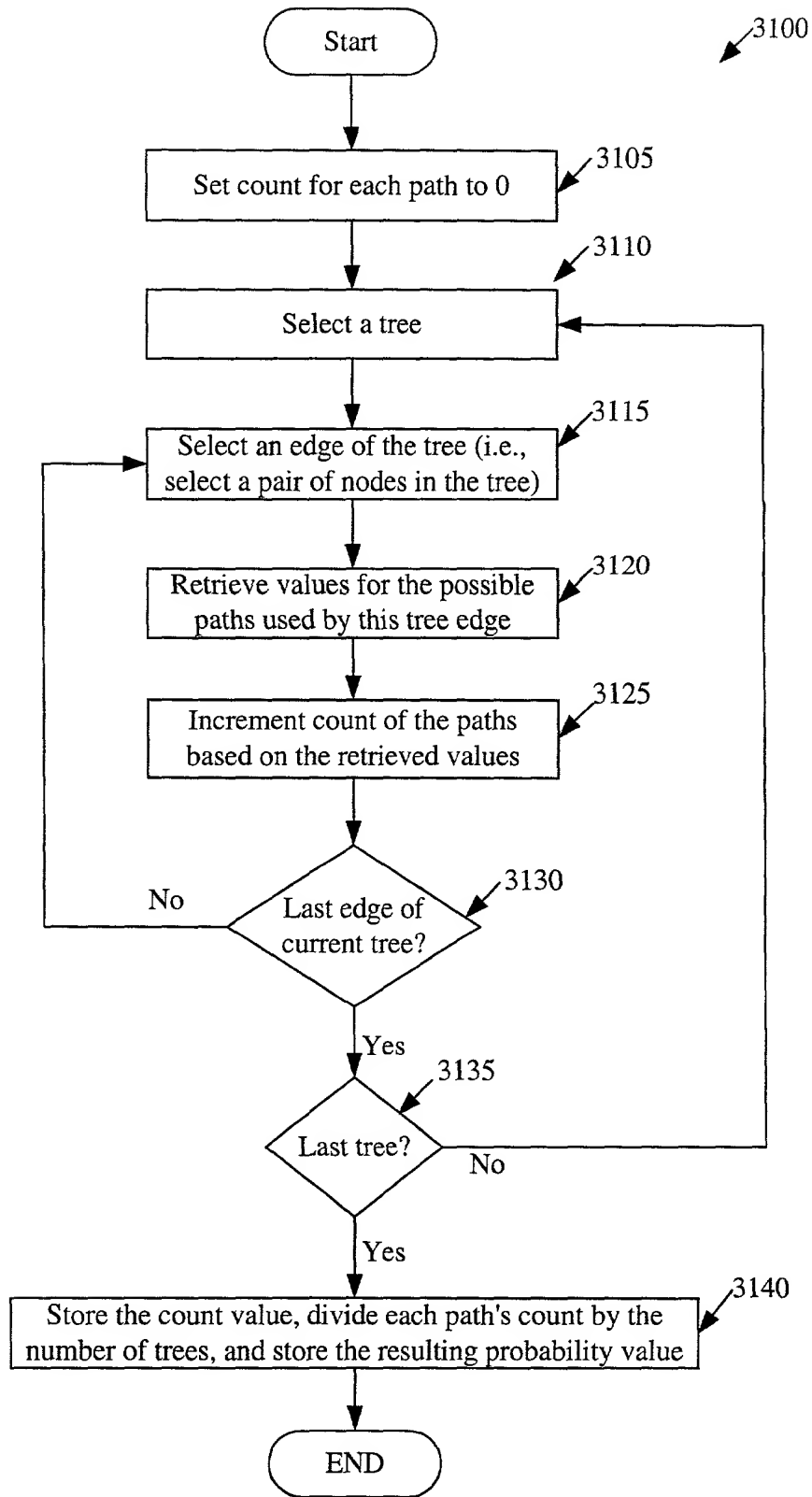


Figure 31

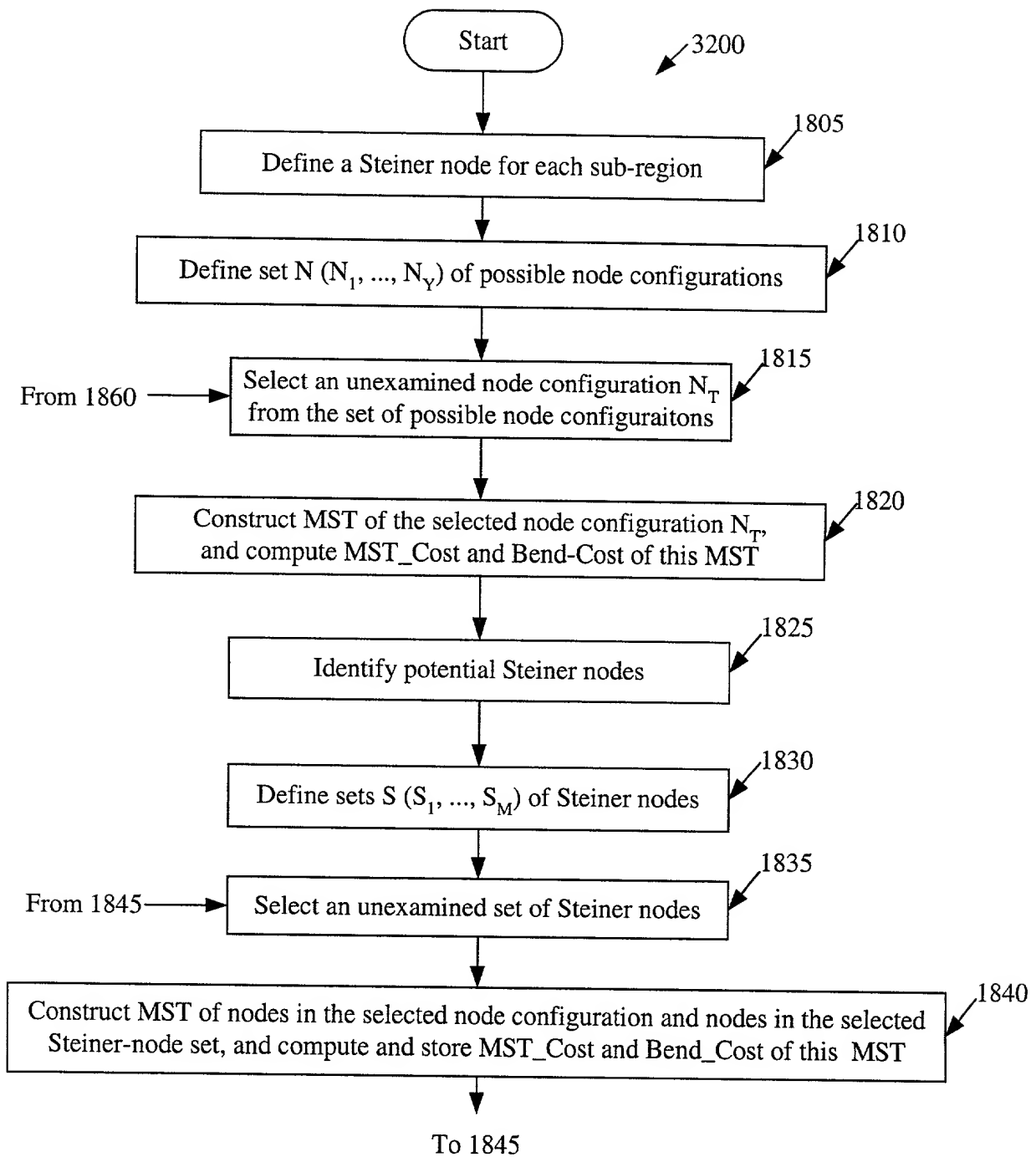


Figure 32A

Figure 32: $\frac{\text{Figure 32A}}{\text{Figure 32B}}$

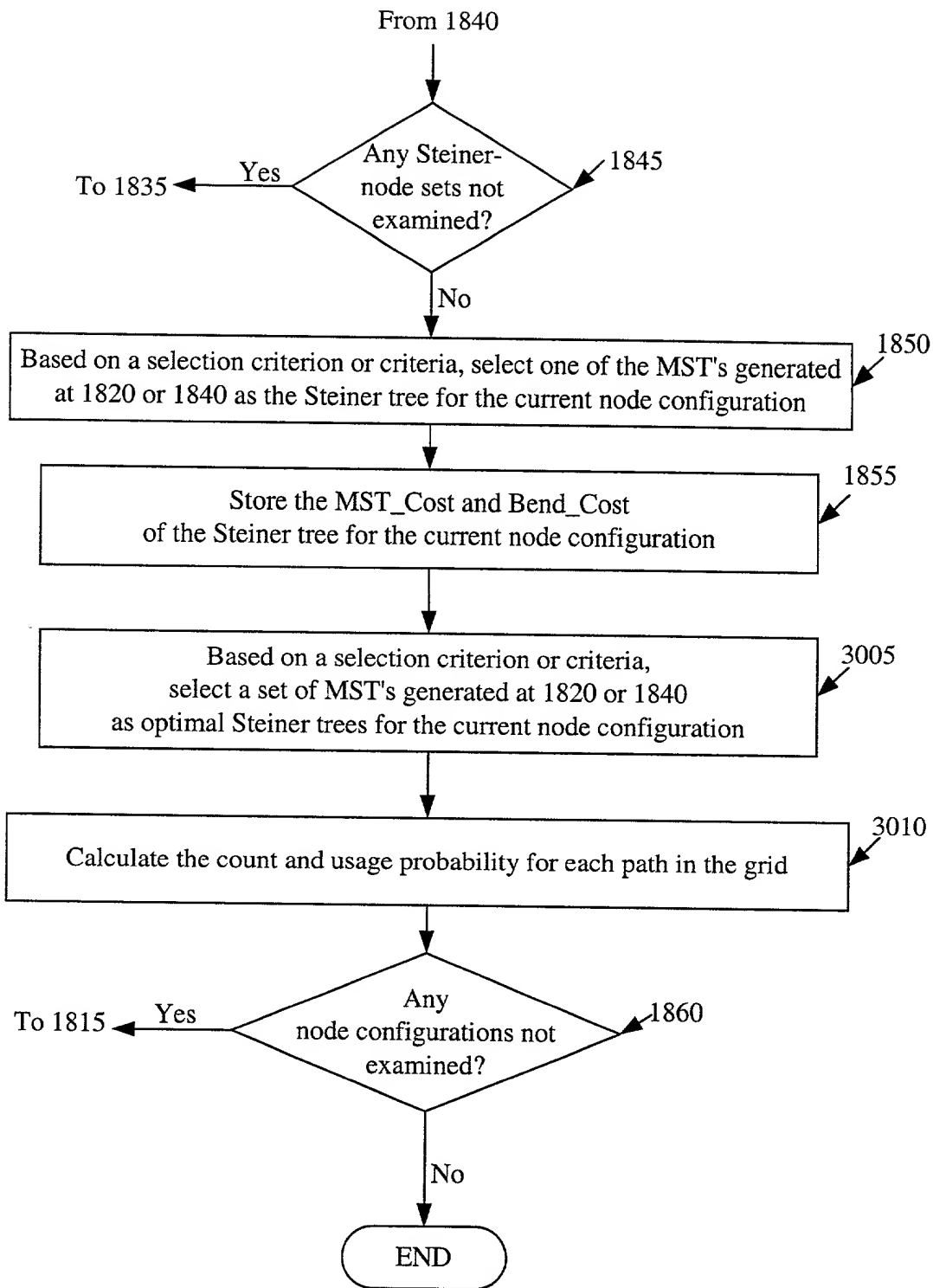


Figure 32B

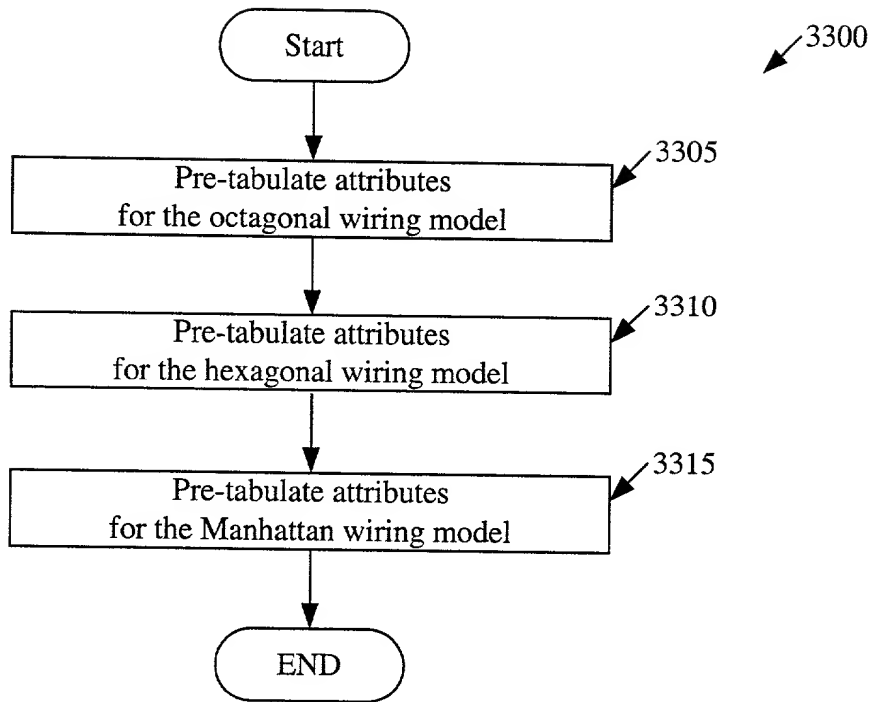


Figure 33

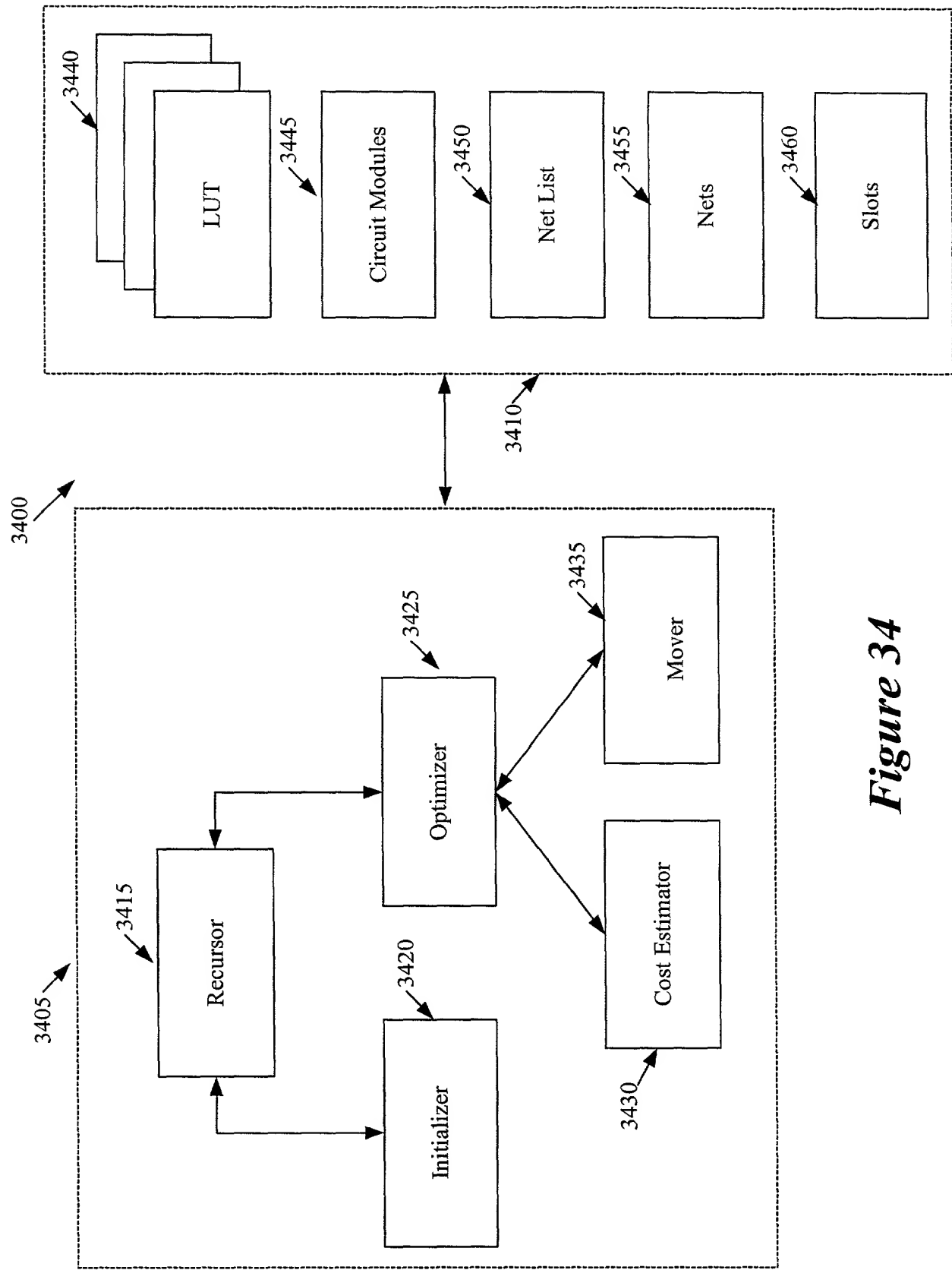


Figure 34

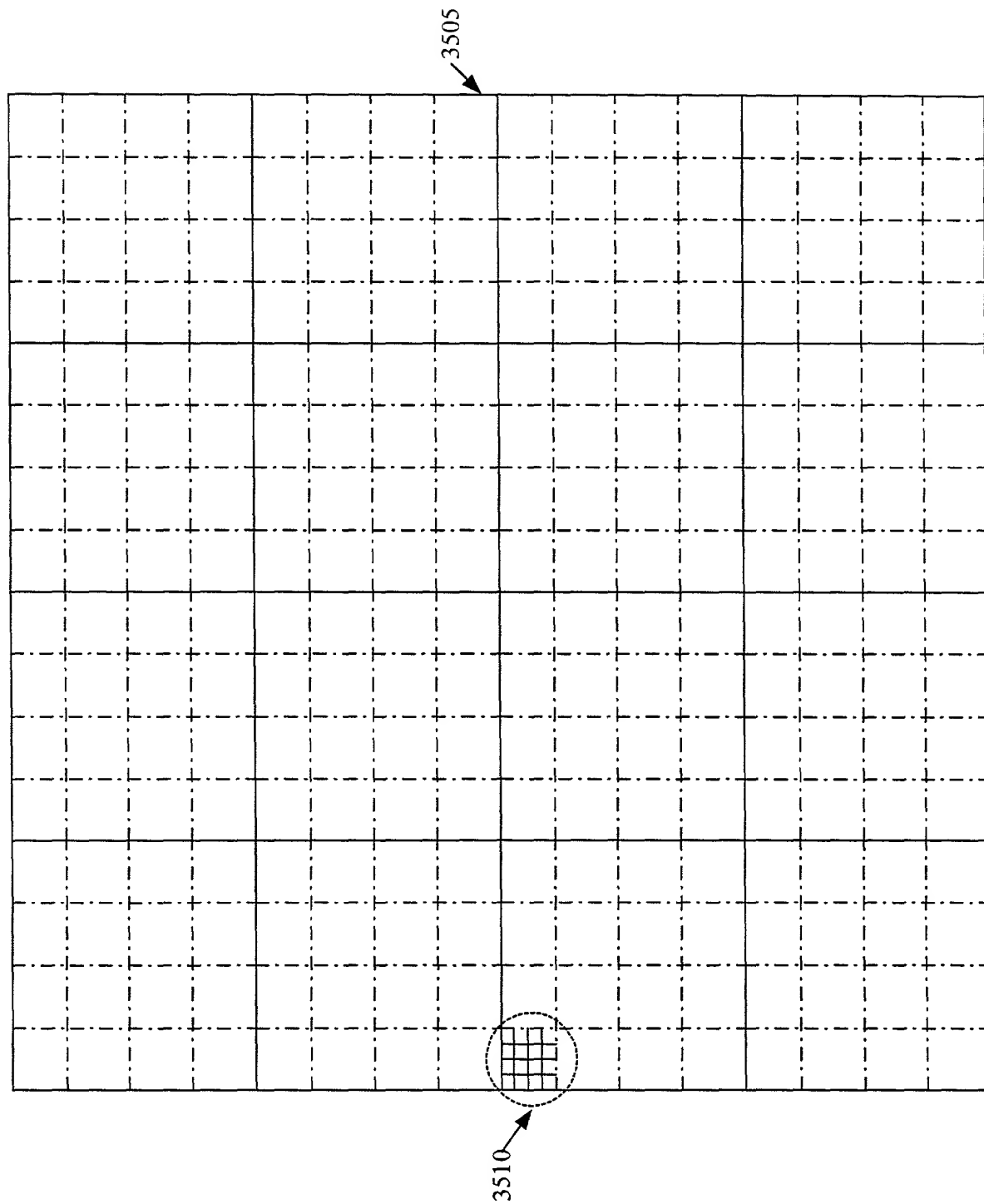


Figure 35

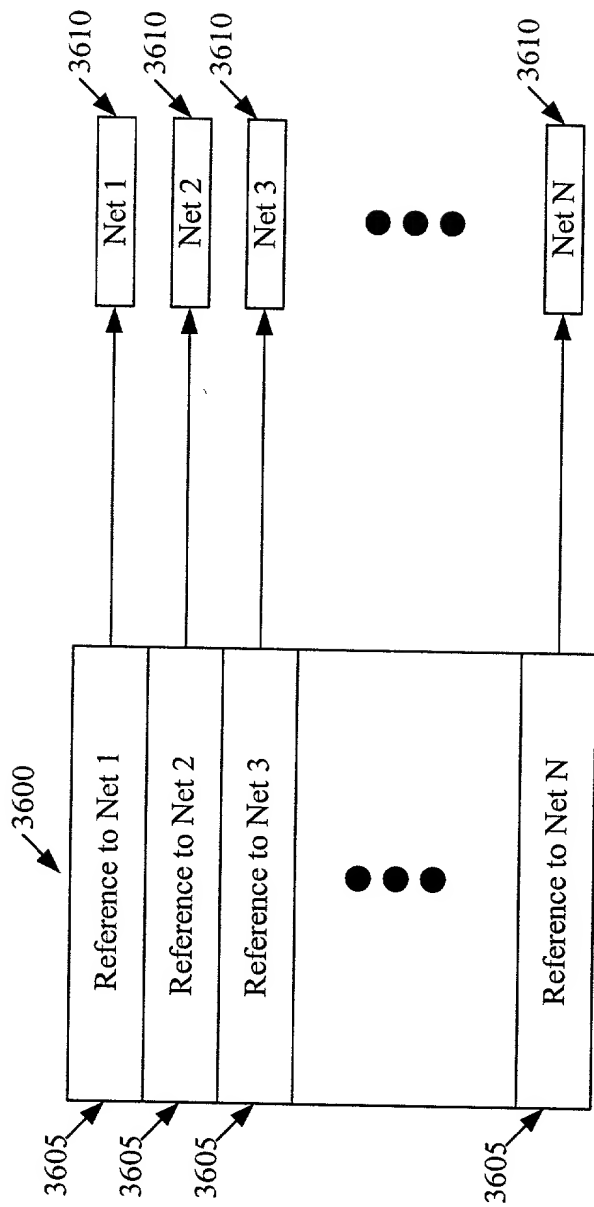


Figure 36

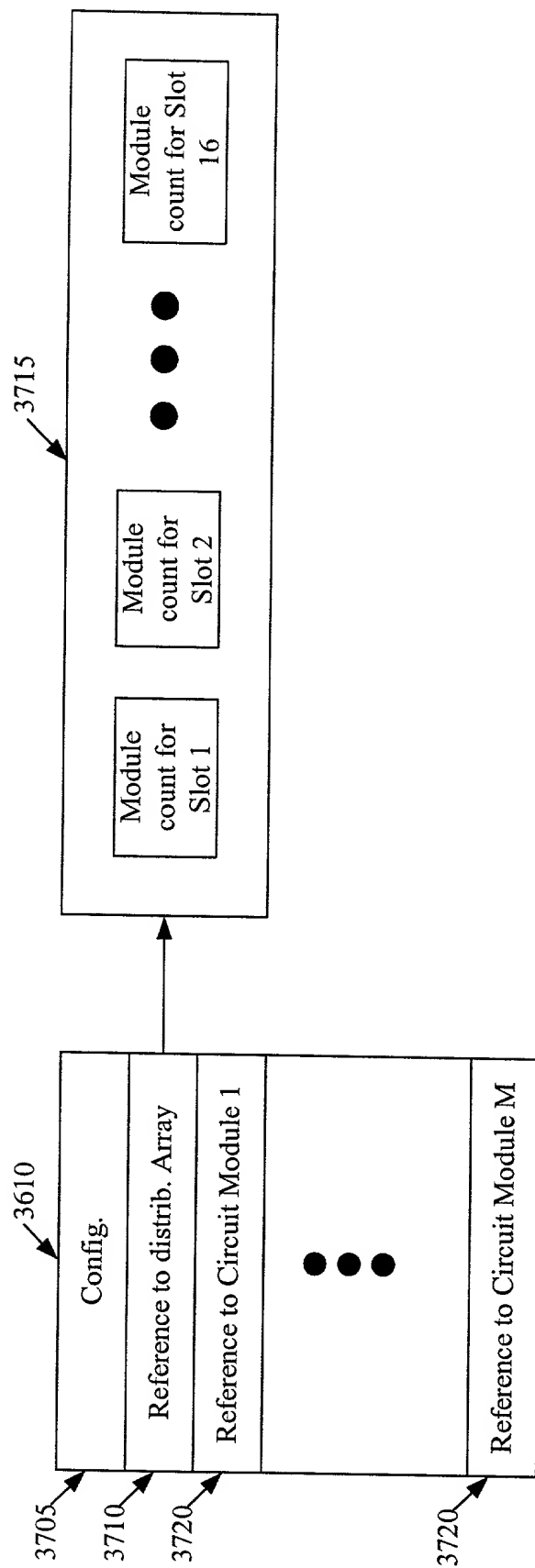


Figure 37

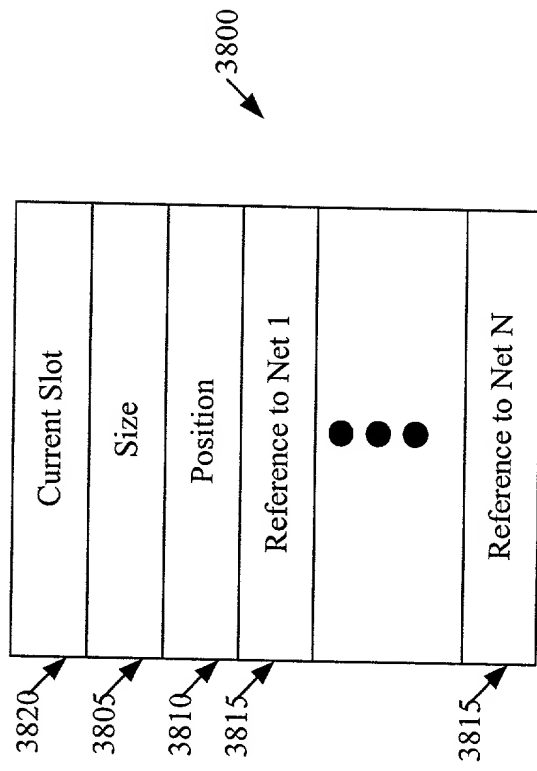


Figure 38

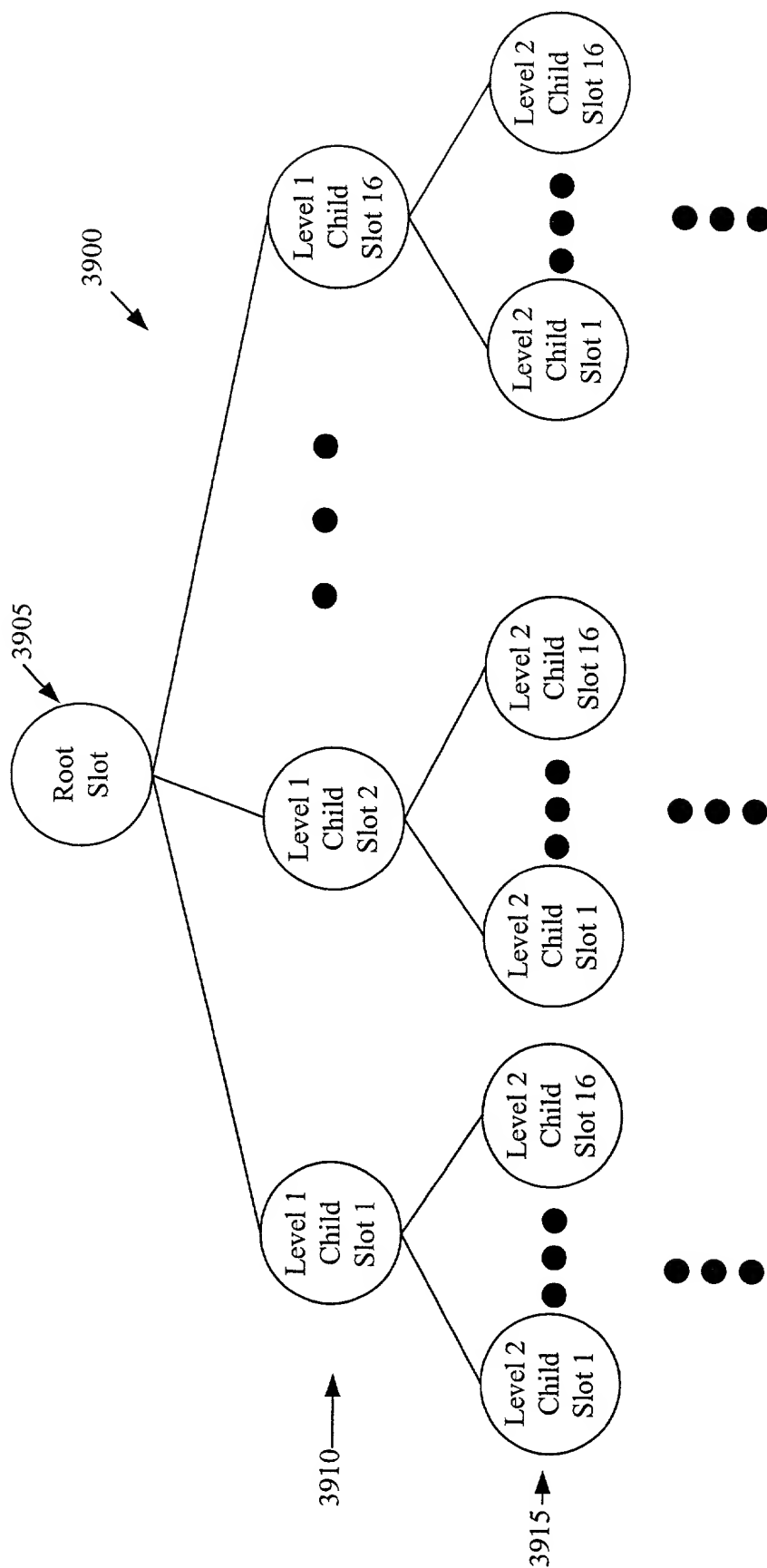


Figure 39

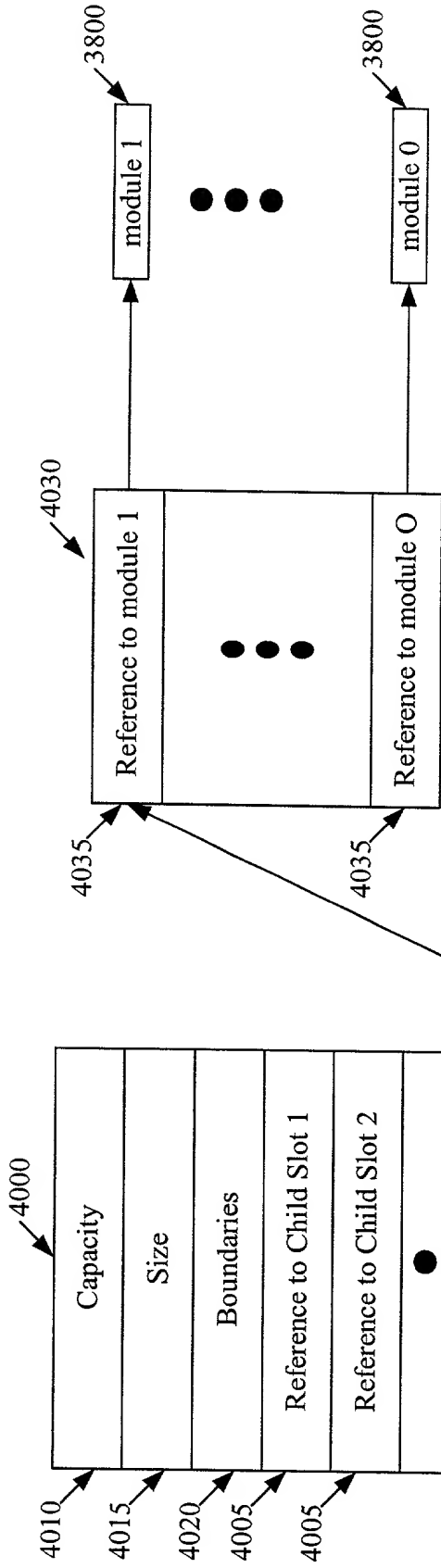


Figure 40



Data Structure = $\left[\sum_{net} F(netconfig, path1), \sum_{net} F(netconfig, path2), \sum_{net} F(netconfig, path3), \dots, \sum_{net} F(netconfig, path42) \right]$

Figure 43

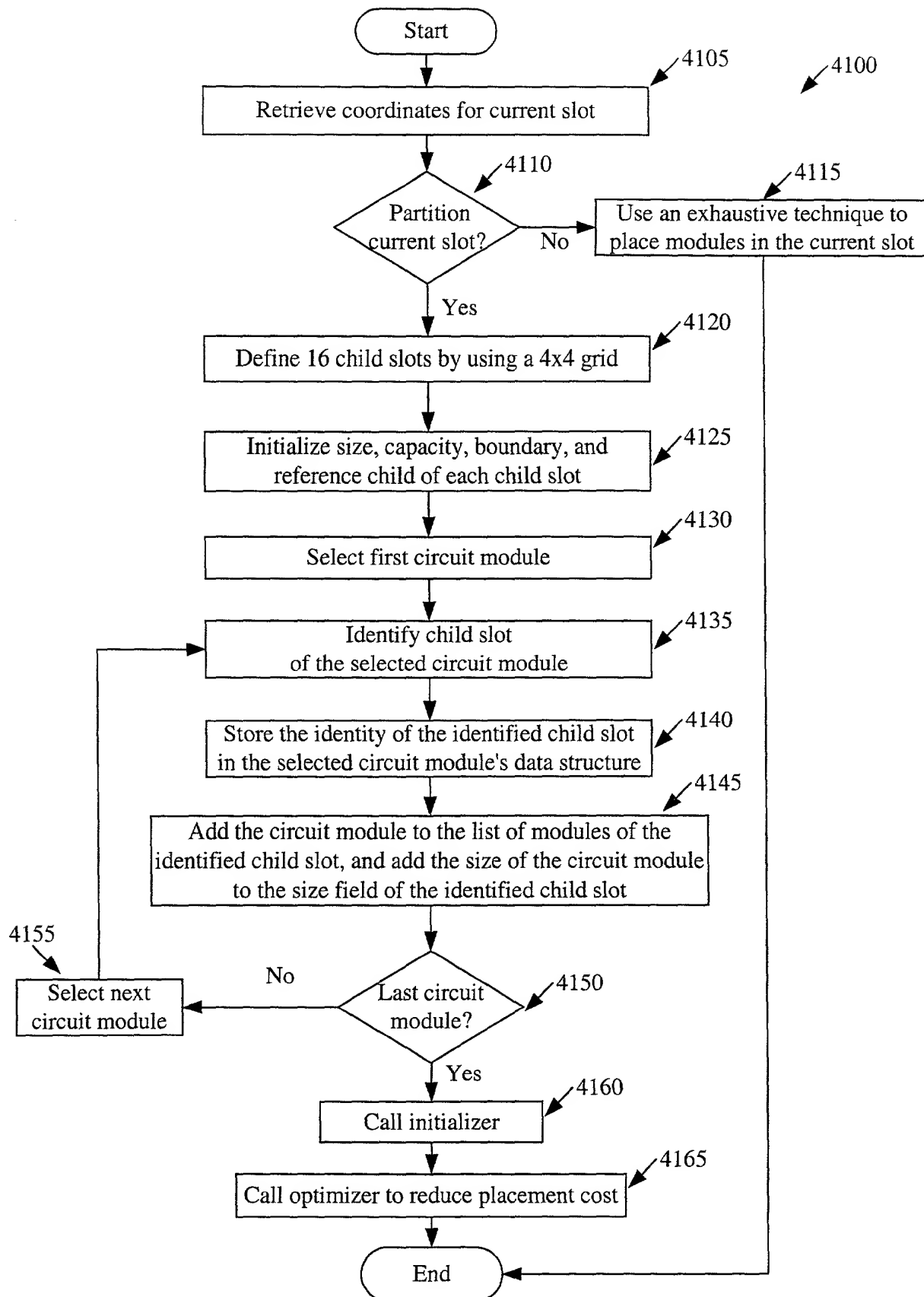


Figure 41

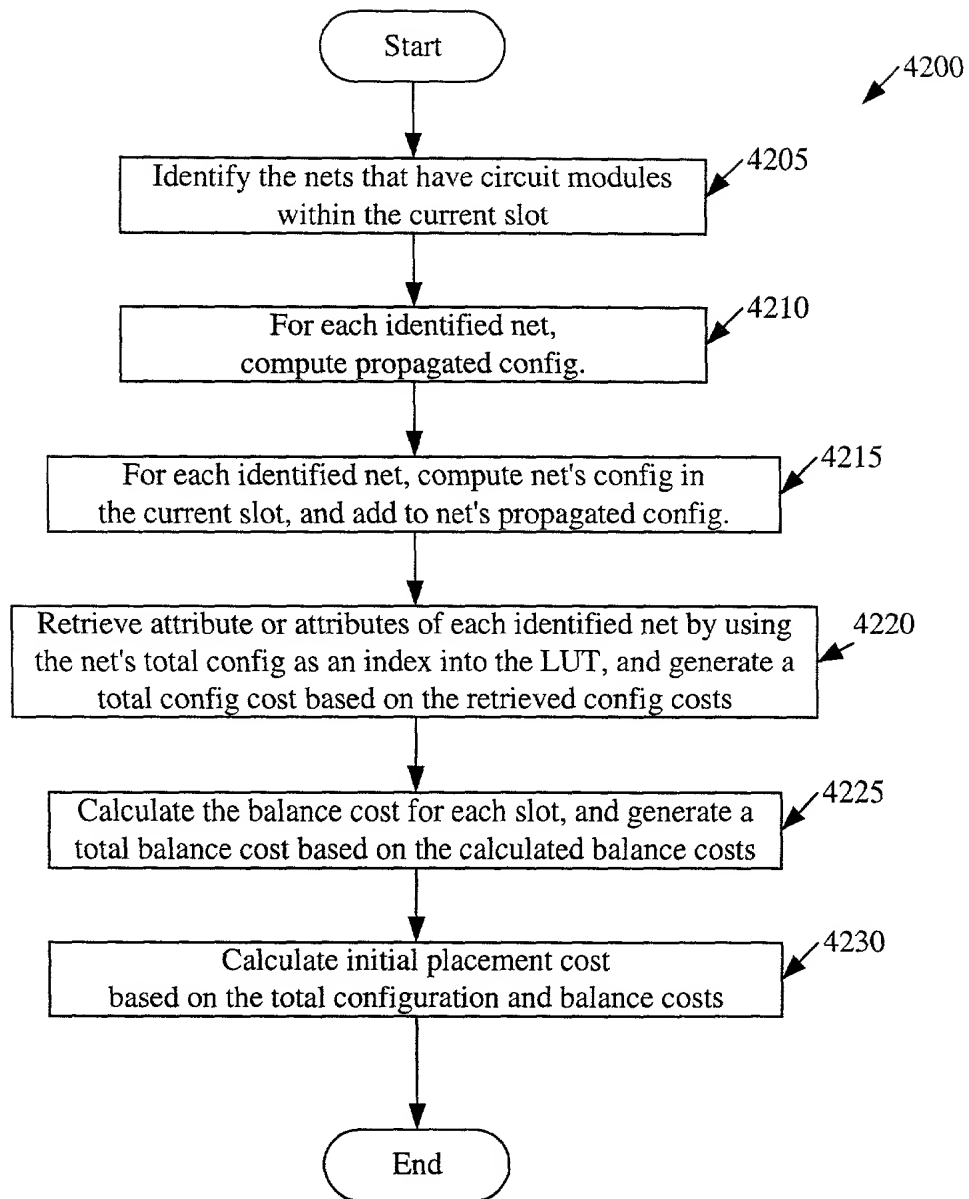


Figure 42

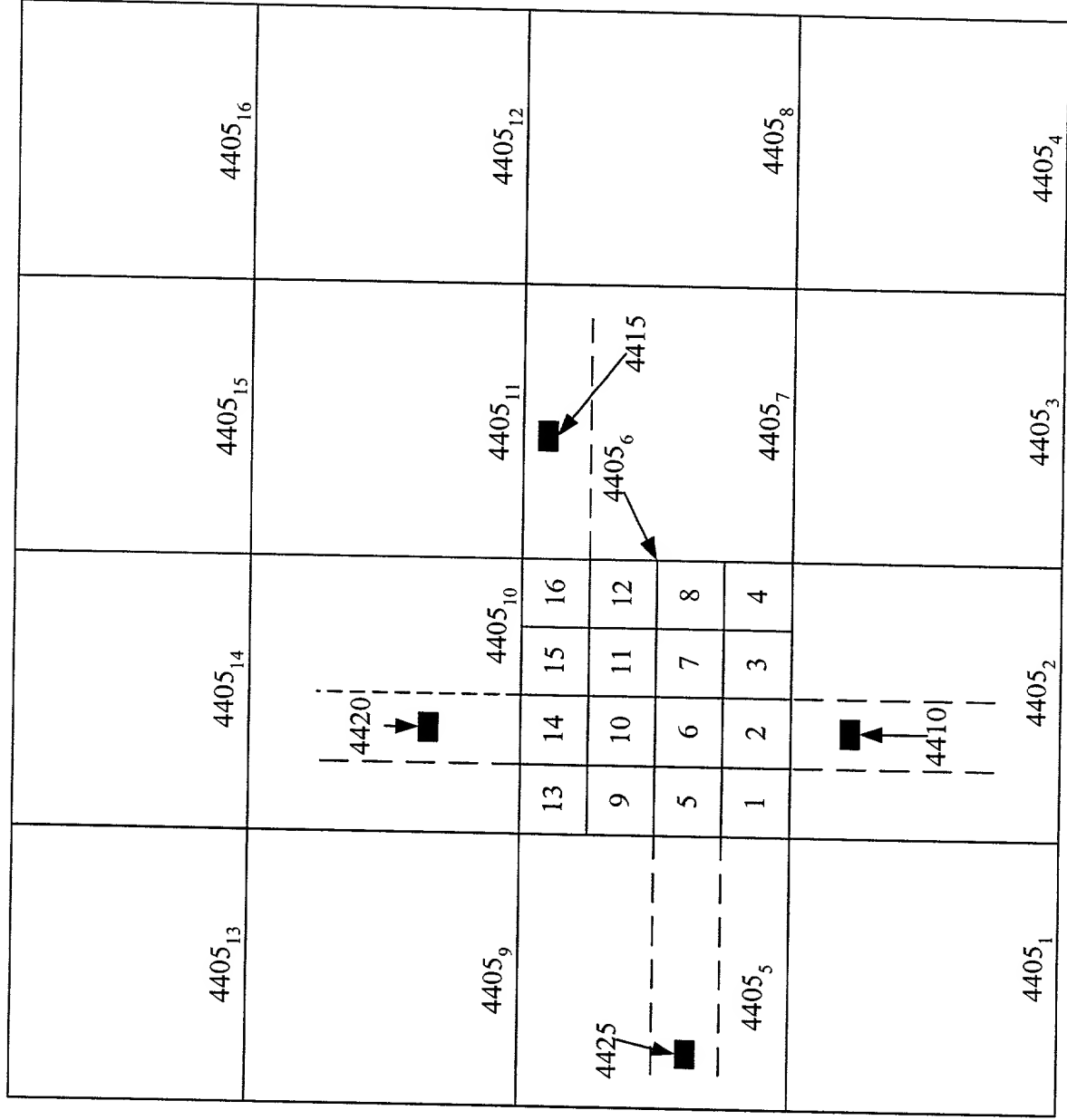


Figure 44

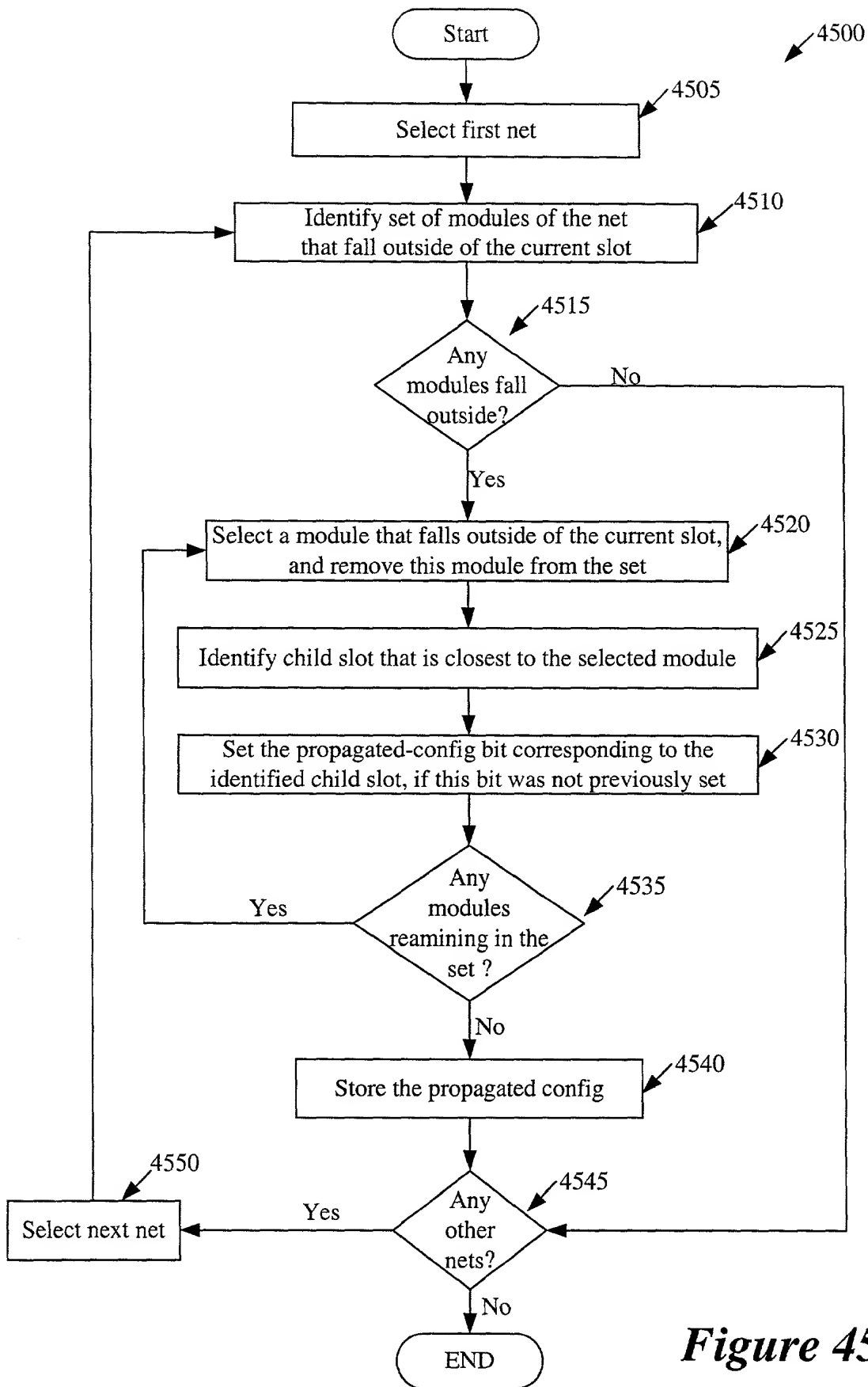


Figure 45

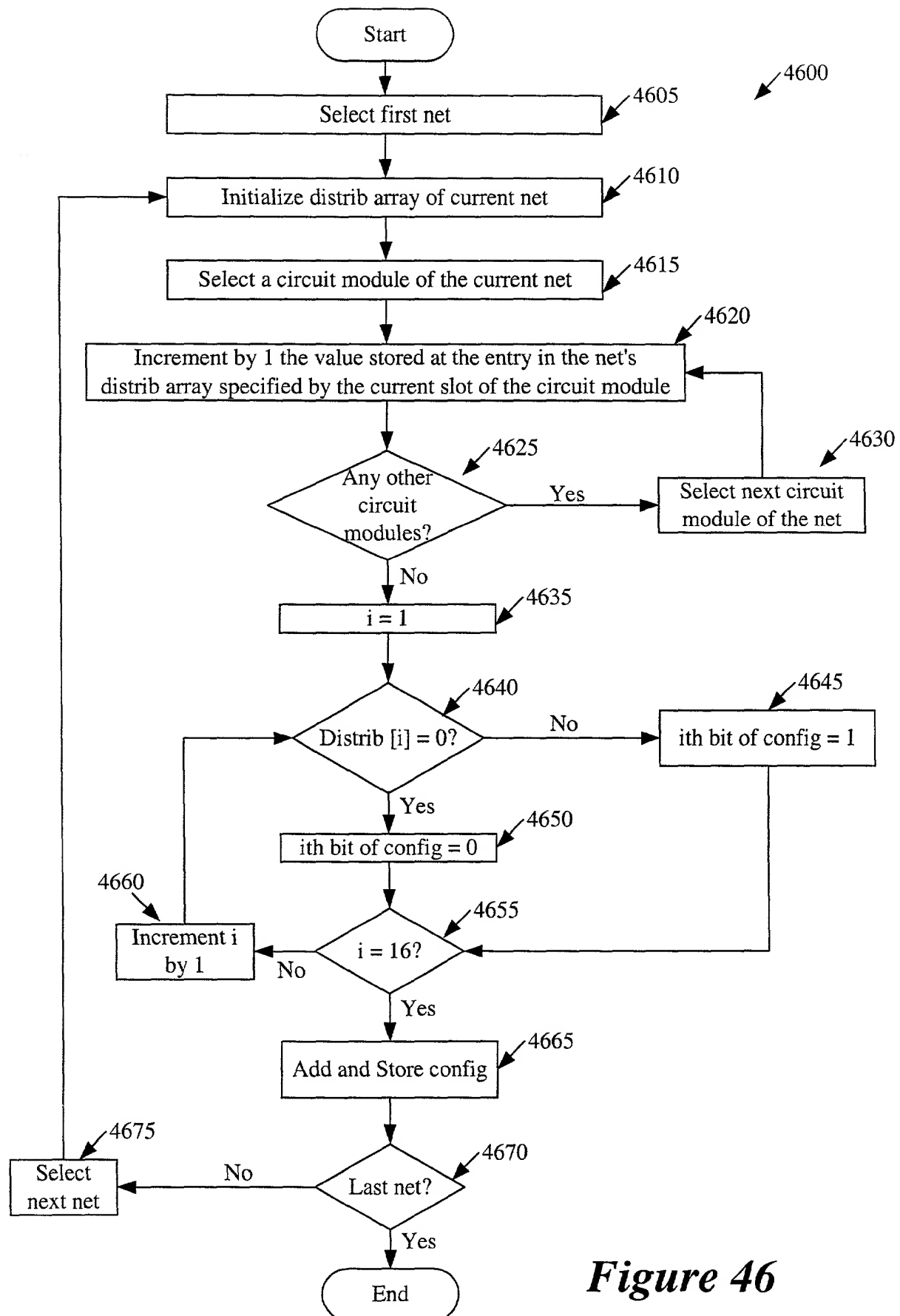


Figure 46

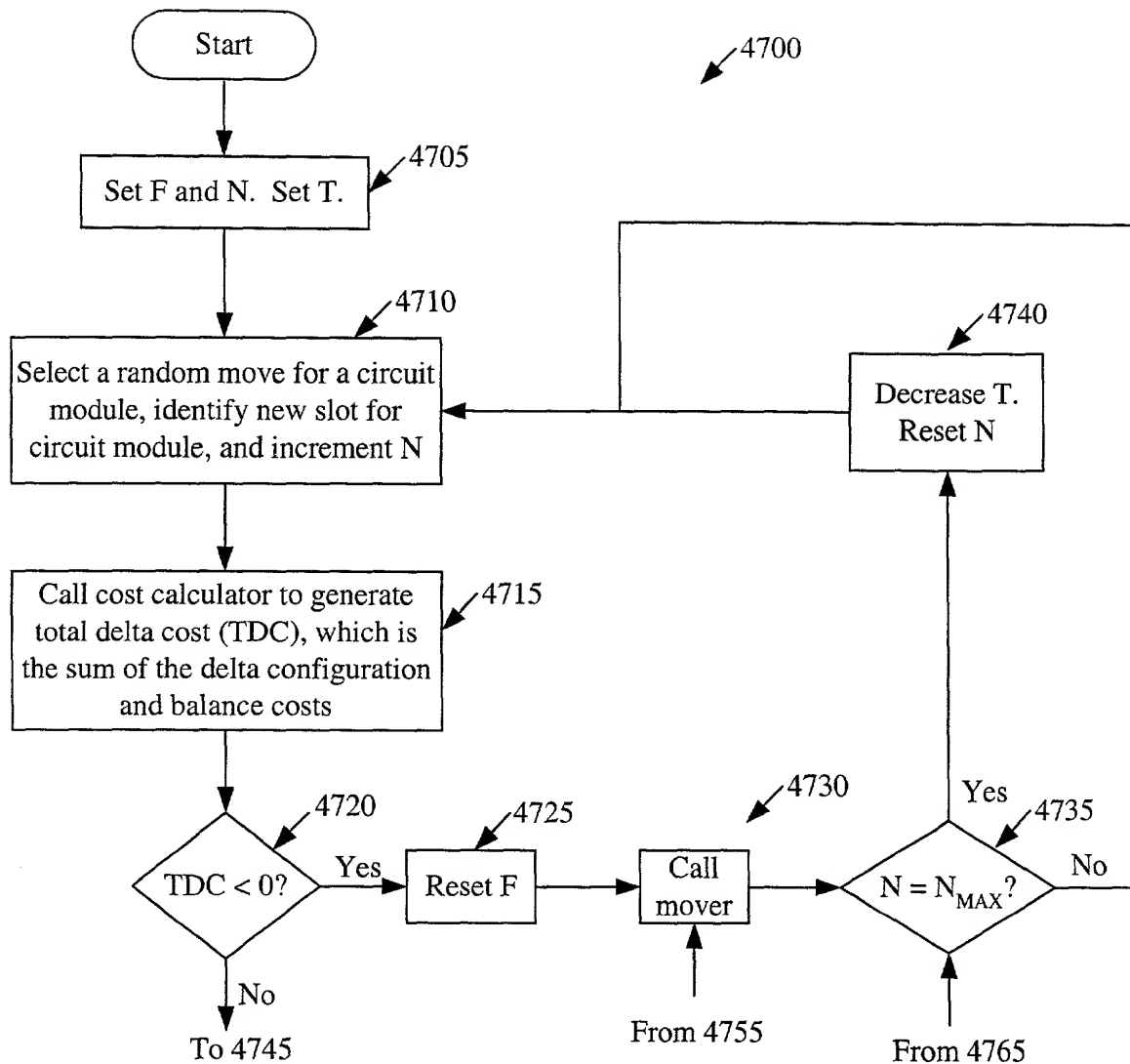


Figure 47A

Figure 47: $\frac{\text{Figure 47A}}{\text{Figure 47B}}$

From 4720

No

Compute probability

4745

Pick random number

4750

Picked Number
< Computed
Probability?

4755

Yes

To 4730

No

Increment F by 1.

4760

$F = F_{MAX}$?

4765

No

To 4735

Yes

Return placement configuration

4770

END

Figure 47B

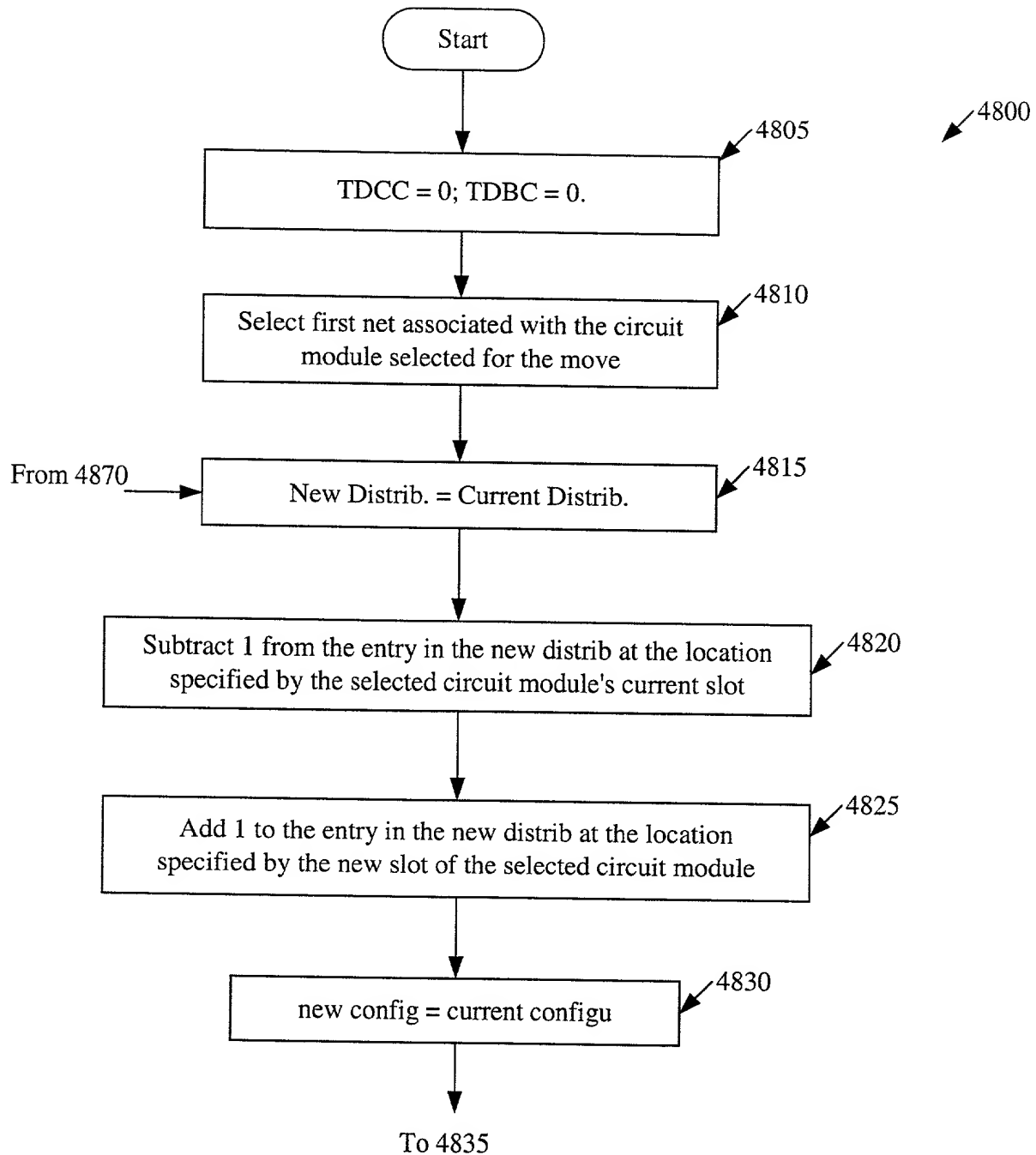


Figure 48A

Figure 48: Figure 48A
Figure 48B

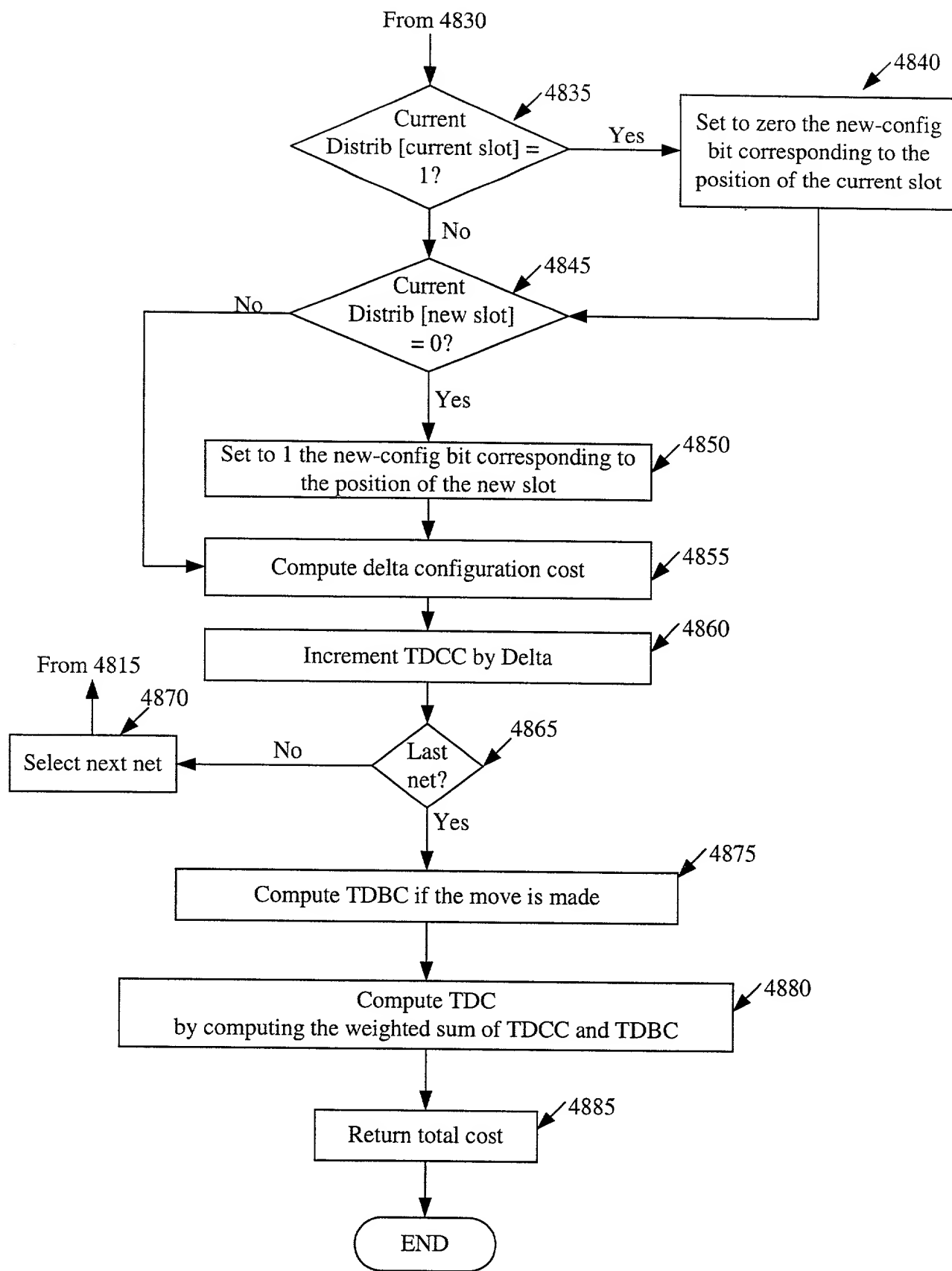


Figure 48B

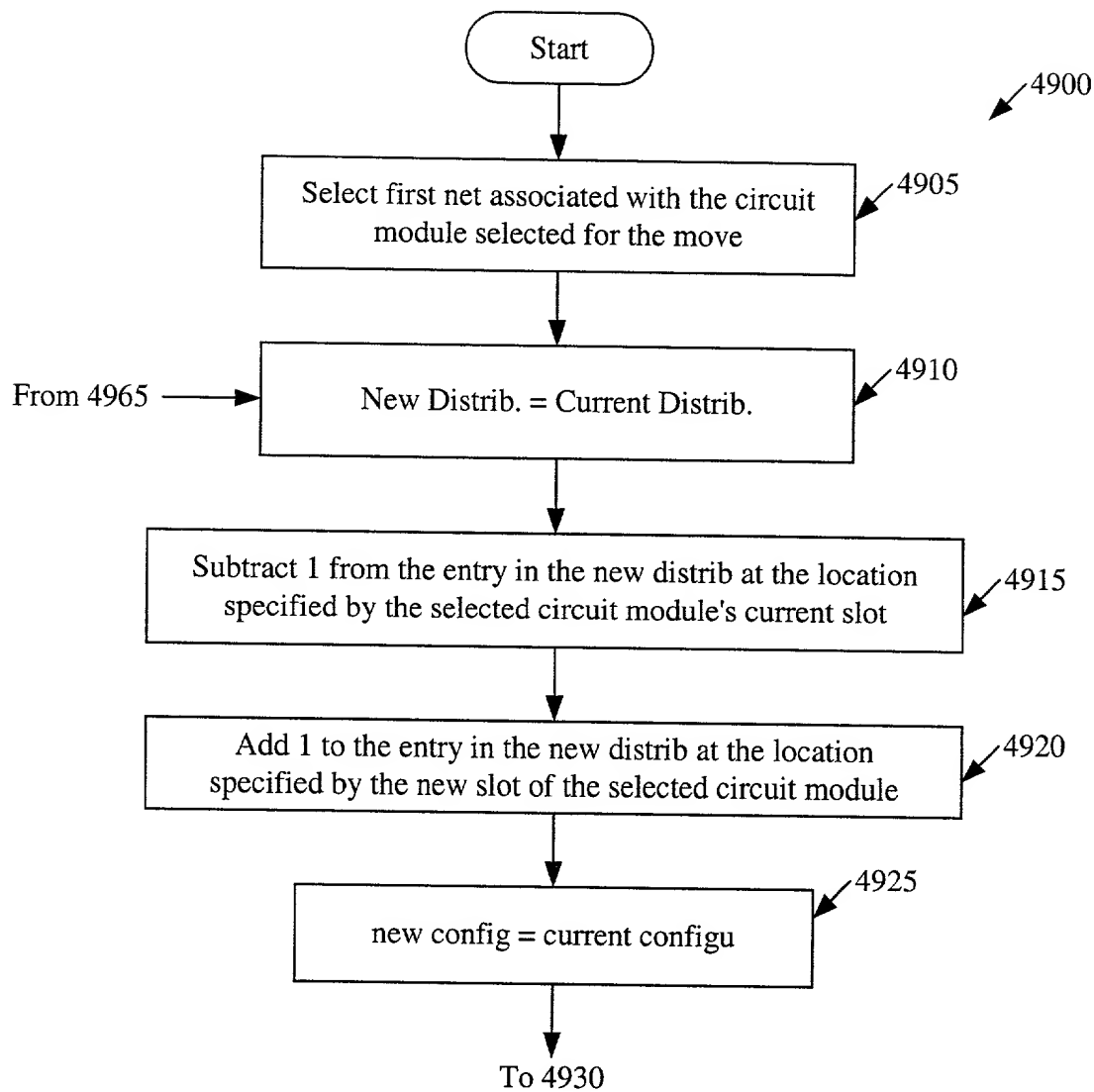


Figure 49A

Figure 49: Figure 49A
Figure 49B

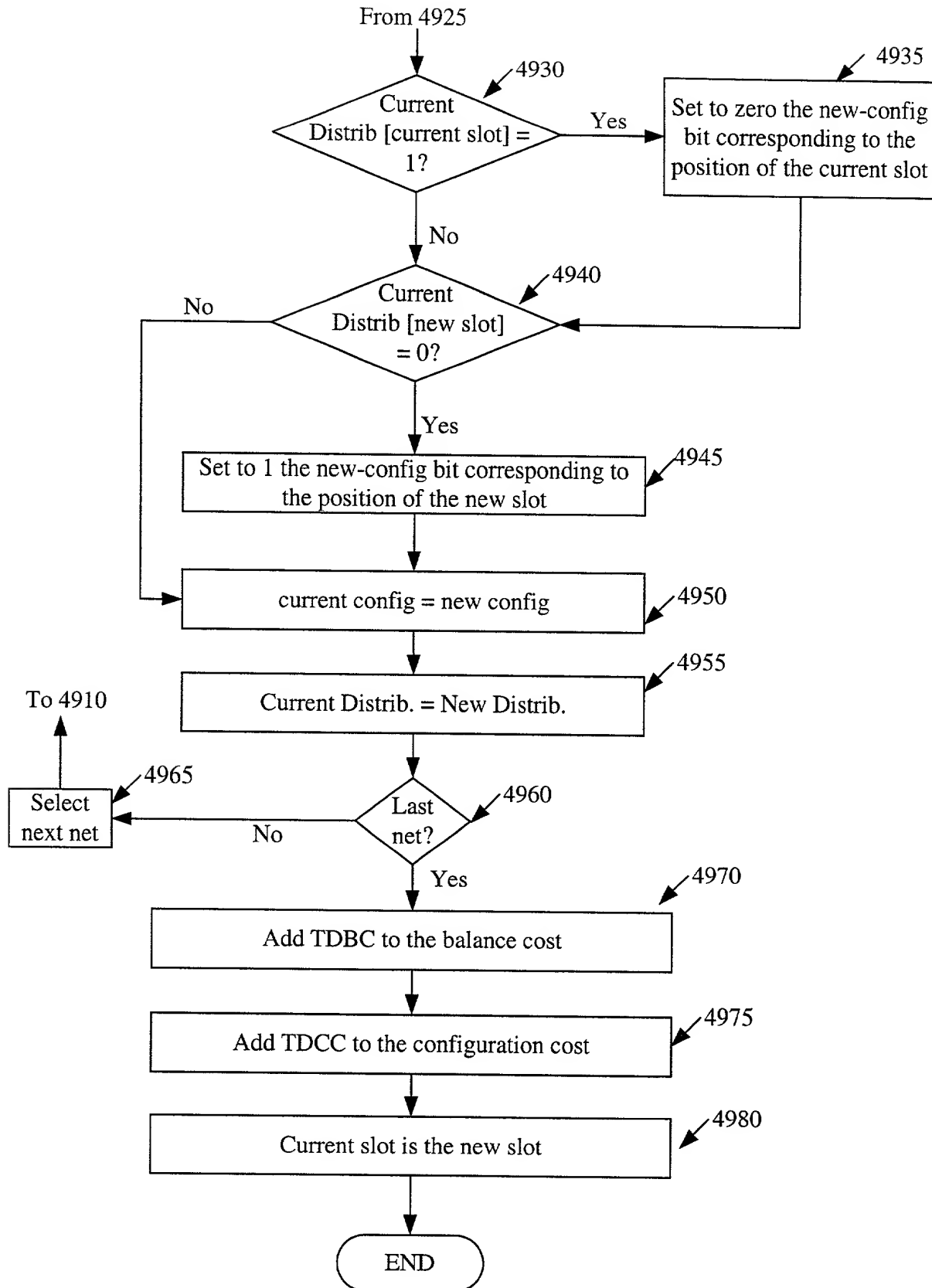


Figure 49B

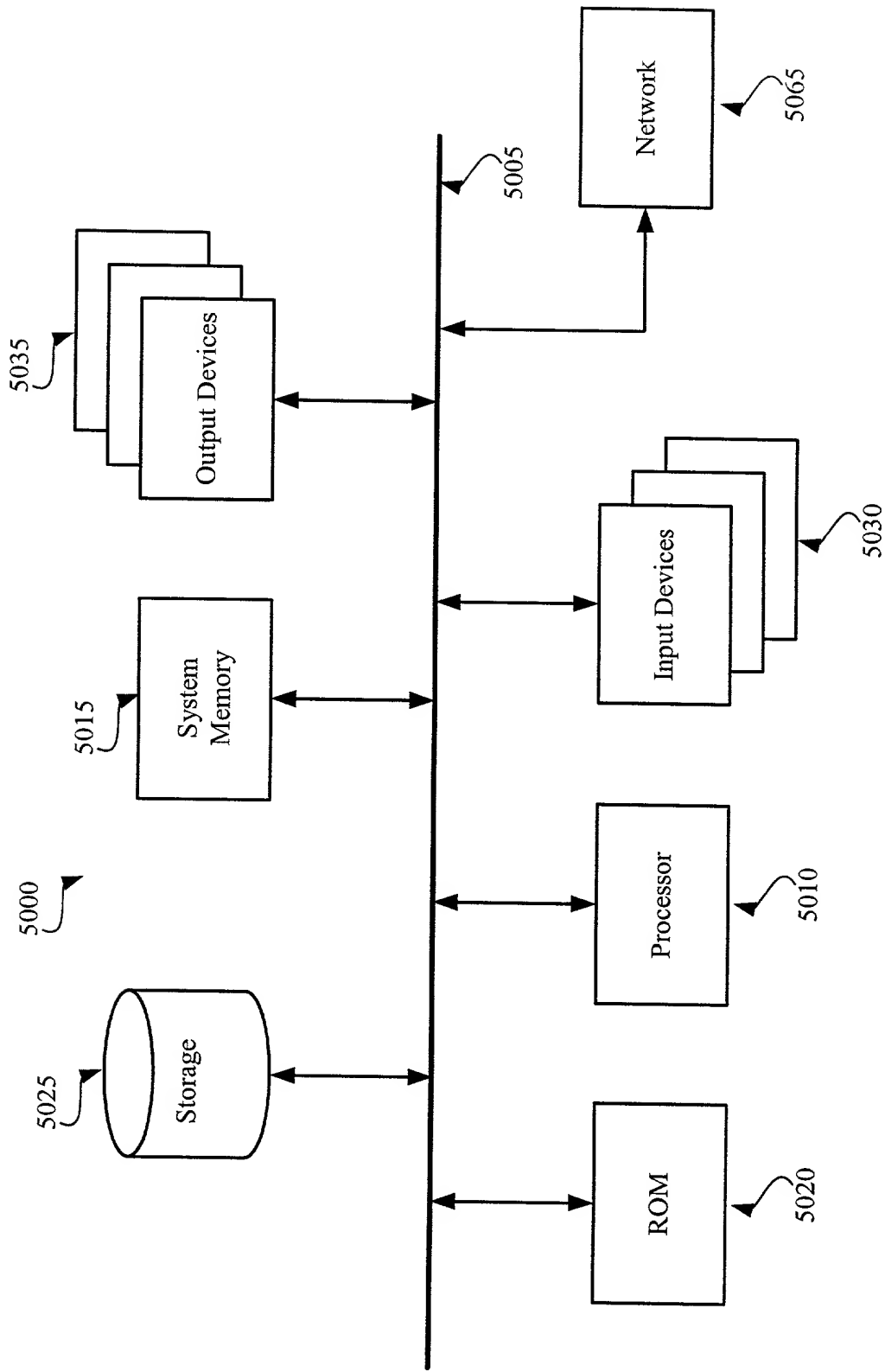


Figure 50